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HOUSEHOLD PROJECTIONS FOR CALIFORNIA COUNTIES: 1985-2020

Report 89 P-2

Department of Finance
Demographic Research Unit
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This report contains projections of the household population, the number of households, and the average household size (also known as the average number of persons per household) for California and each of the 58 counties.

In this report, households refer to occupied housing units only. In determining the household population, a distinction is made between the portion of the population living in households and that living in group quarters (i.e. military barracks, college dormitories, homes for the aged, and prisons). The household population is obtained by subtracting the group quarters population from the total population.

Methodology for Statewide Projections

The householder rate method was used to project households and household populations statewide through the year 2020. A householder is the person in each dwelling unit in whose name the dwelling unit is owned or rented. Thus, each occupied dwelling unit in California has a householder.

A householder rate is the probability of a person being a householder. The householder rate is calculated by dividing the number of householders by the number of households. For example, the householder rate for persons aged 60 to 65 equals the number of householders who are between 60 and 65 years old divided by the number of persons aged 60 to 65 (in California in 1985 this rate was .58).

Age- and gender-specific householder rates for each ethnic group were determined based on 1980 census information. The rates were determined separately for each of three household types: 1) married family households, 2) other family households, and 3) non-family households. An analysis of these rates for 1970, 1980, and 1987 showed that the rates had changed very little, especially between 1980 and 1987. The age-specific householder rates used in the statewide projections were based on the structure of the 1980 rates and the overall level of the 1987 rates.

After determining householder rates, household populations by household type were projected. Projected household populations were obtained by subtracting projected group quarters populations from total projected populations as determined by the Demographic Research Unit's P-4 1986 projections. In determining householder rates, age-specific household population proportions by household type were developed from 1980 census data for each ethnic group. Based on examination of the proportions for 1970 through 1987, the household type proportions used for the statewide projection were based on 1980 proportions with modifications made to reflect later ages at marriage.

Householders by ethnicity, age, and household type were determined by applying the householder rates to the household population proportions. Average household sizes were determined by dividing household populations by the number of householders.

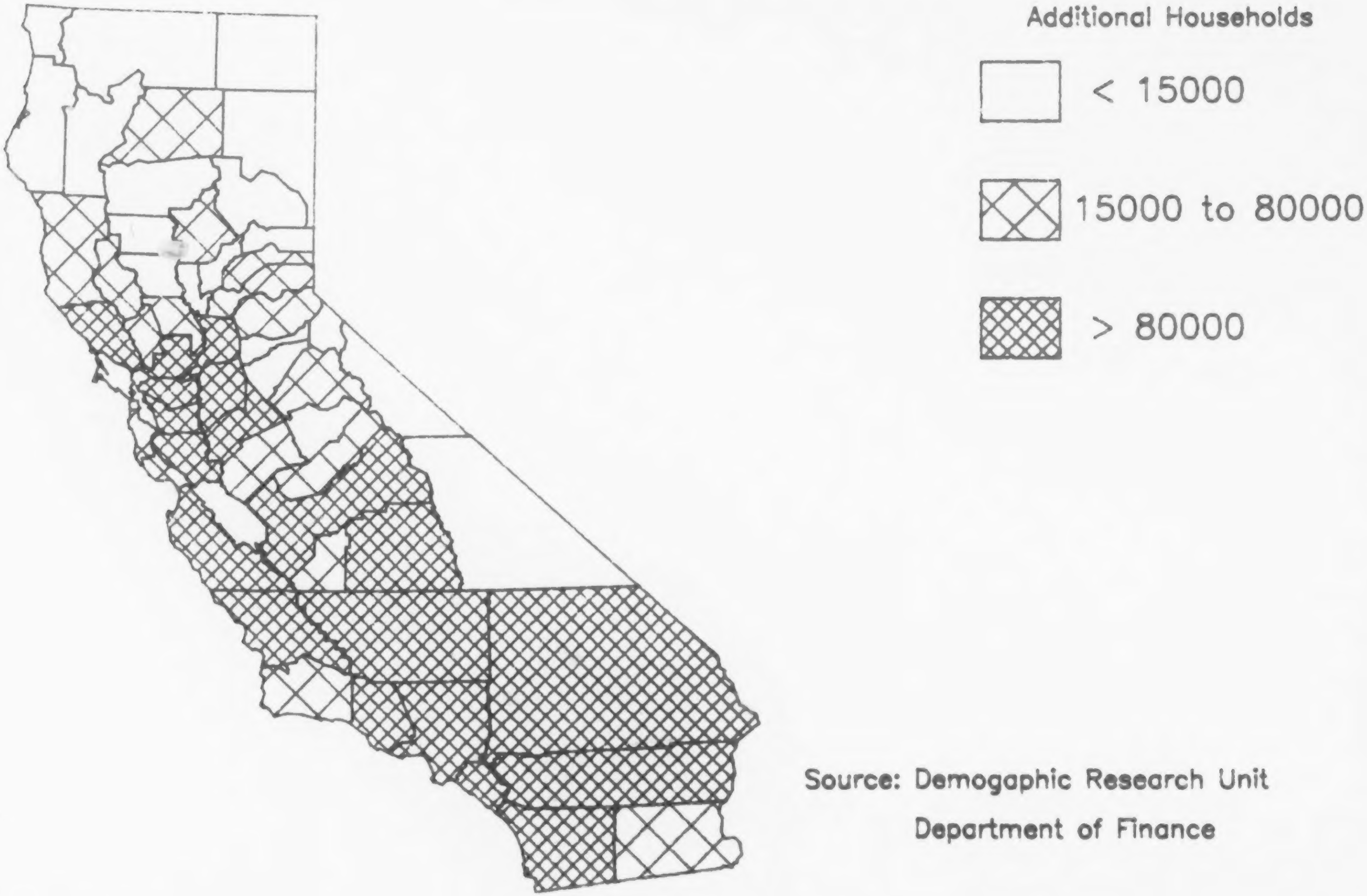
Methodology for County Projections

The householder rate method was also employed for the individual county projections. In determining householder rates for the counties, however, ethnicity and household type detail was not available. Because of the greater accuracy afforded by the ethnic-specific householder rates used in the statewide projections, the sum of the county projections was controlled to the statewide projections. Thus, changing ethnicity in the counties is indirectly reflected in the controlled county projections.

For a more detailed methodological statement, contact the Demographic Research Unit.

ABSOLUTE INCREASE IN NUMBER OF HOUSEHOLDS

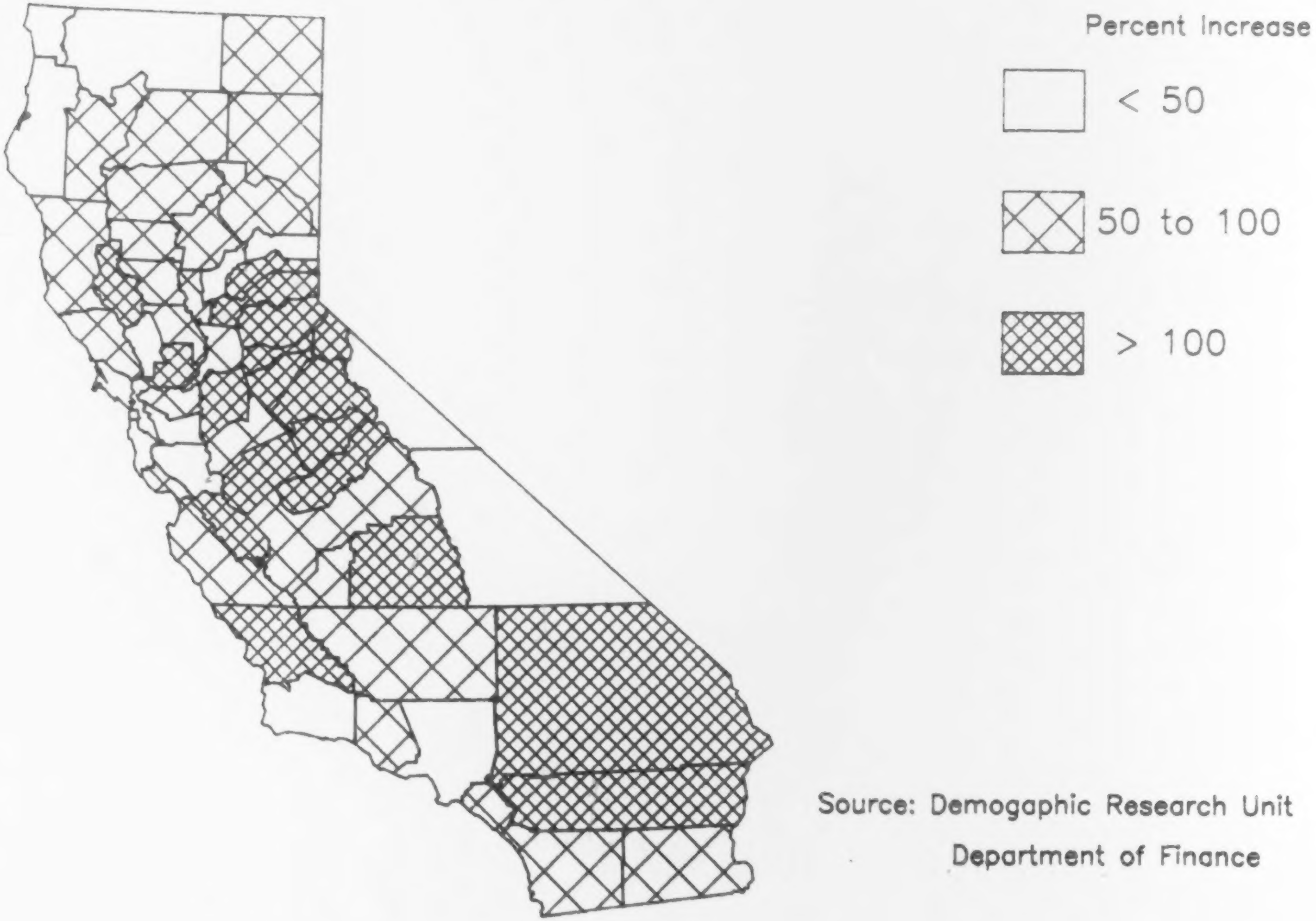
1985–2020


Additional Households
☐ < 15000
▨ 15000 to 80000
▩ > 80000

Source: Demogaphic Research Unit
Department of Finance

PERCENT INCREASE IN NUMBER OF HOUSEHOLDS

1985–2020


Percent Increase
☐ < 50
▨ 50 to 100
▩ > 100

Source: Demogaphic Research Unit
Department of Finance

HOUSEHOLD PROJECTIONS FOR CALIFORNIA COUNTIES TO 2020

	July 1, 1985	July 1, 1990	July 1, 1995	July 1, 2000	July 1, 2005	July 1, 2010	July 1, 2015	July 1, 2020
CALIFORNIA								
Household Population	25745400	28241800	30242400	32070700	33722900	35400900	37083500	38656400
Households	9418200	10382600	11135300	11870600	12632700	13441700	14198400	14869200
Average Household Size	2.73	2.72	2.72	2.70	2.67	2.63	2.62	2.60
ALAMEDA								
Household Population	1158100	1236700	1288500	1325100	1355700	1389800	1425500	1460000
Households	455400	489400	506200	523300	537200	558000	571900	586900
Average Household Size	2.54	2.53	2.55	2.53	2.52	2.49	2.49	2.49
ALPINE								
Household Population	1200	1300	1400	1600	1900	2100	2300	2500
Households	500	500	600	700	800	900	1000	1100
Average Household Size	2.55	2.53	2.42	2.34	2.28	2.24	2.20	2.20
AMADOR								
Household Population	22200	28200	31700	35100	38400	41800	45300	48700
Households	8700	11000	12400	13600	14900	16300	17900	19300
Average Household Size	2.56	2.56	2.57	2.58	2.57	2.56	2.53	2.53
BUTTE								
Household Population	157700	178300	197200	216000	233600	251900	270400	288300
Households	65100	72700	79800	87300	95000	103300	111500	119700
Average Household Size	2.43	2.45	2.47	2.47	2.46	2.44	2.42	2.41
CALAVERAS								
Household Population	26100	31700	37100	42000	46800	51500	56400	61200
Households	10300	12200	14300	16100	18000	19900	22000	23900
Average Household Size	2.54	2.59	2.60	2.61	2.60	2.59	2.57	2.56
COLUSA								
Household Population	14400	16200	17700	19100	20000	20900	21800	22800
Households	5200	5800	6300	6700	7000	7300	7700	8100
Average Household Size	2.76	2.79	2.82	2.86	2.83	2.84	2.83	2.83
CONTRA COSTA								
Household Population	706400	760400	815600	860600	900500	939000	977500	1013900
Households	266500	295800	319900	339400	358700	377900	396400	411500
Average Household Size	2.65	2.57	2.55	2.54	2.51	2.48	2.47	2.46
DEL NORTE								
Household Population	18300	19300	20000	20400	20600	20700	20800	20700
Households	7300	7600	8000	8300	8500	8600	8700	8800
Average Household Size	2.52	2.55	2.51	2.46	2.43	2.40	2.38	2.34
EL DORADO								
Household Population	102800	122200	140000	157400	174800	192500	210200	227100
Households	38200	45500	52500	59500	66800	74400	81600	88100
Average Household Size	2.69	2.68	2.67	2.65	2.61	2.59	2.58	2.58
FRESNO								
Household Population	563700	617500	671000	721000	773600	828900	884700	937900
Households	198200	219600	236000	254600	277500	302900	327000	350400
Average Household Size	2.84	2.81	2.84	2.83	2.79	2.74	2.71	2.68
GLENN								
Household Population	22600	24700	26300	27700	28800	29800	30900	31700
Households	8400	9300	10000	10600	11100	11700	12200	12700
Average Household Size	2.68	2.64	2.63	2.62	2.59	2.55	2.52	2.50
HUMBOLDT								
Household Population	108800	113900	115900	116900	117100	116900	116300	114800
Households	43900	46500	48000	49100	50100	50700	51000	50800
Average Household Size	2.48	2.45	2.42	2.38	2.34	2.31	2.28	2.26

HOUSEHOLD PROJECTIONS FOR CALIFORNIA COUNTIES TO 2020

	July 1, 1985	July 1, 1990	July 1, 1995	July 1, 2000	July 1, 2005	July 1, 2010	July 1, 2015	July 1, 2020
IMPERIAL								
Household Population	103000	117700	130000	141400	151900	162500	173000	182800
Households	30400	34600	38600	42500	46900	51500	56200	60500
Average Household Size	3.39	3.40	3.37	3.32	3.24	3.15	3.08	3.02
INYO								
Household Population	17900	18300	18400	18500	18600	18700	18800	18900
Households	7700	7900	8000	8000	8100	8100	8200	8300
Average Household Size	2.33	2.31	2.30	2.30	2.30	2.29	2.29	2.28
KERN								
Household Population	468600	528000	589300	648700	700300	749900	797600	841600
Households	165100	187600	210200	234200	258100	282600	305800	327300
Average Household Size	2.84	2.81	2.80	2.77	2.71	2.65	2.61	2.57
KINGS								
Household Population	81600	97700	105800	112100	117900	124100	130200	135700
Households	27100	32800	35600	37700	40600	43600	46500	49000
Average Household Size	3.01	2.97	2.98	2.97	2.90	2.84	2.80	2.77
LAKE								
Household Population	47000	58700	69700	79800	89700	99700	109800	119600
Households	19500	23900	28000	31900	35900	40300	44900	49300
Average Household Size	2.41	2.45	2.49	2.50	2.50	2.47	2.45	2.43
LASSEN								
Household Population	21600	23400	24600	26200	27700	29100	30400	31500
Households	8200	9100	9700	10500	11300	11900	12600	13200
Average Household Size	2.64	2.58	2.53	2.49	2.45	2.44	2.41	2.39
LOS ANGELES								
Household Population	8014700	8476200	8723000	8967600	9194300	9449200	9709300	9941600
Households	2856800	2975700	3047000	3122500	3236000	3354900	3460800	3531400
Average Household Size	2.81	2.85	2.86	2.87	2.84	2.82	2.81	2.82
MADERA								
Household Population	75100	88400	101600	114400	126800	139100	151300	163100
Households	24300	28500	33000	37500	42200	47200	52300	57300
Average Household Size	3.09	3.10	3.08	3.05	3.00	2.95	2.89	2.85
MARIN								
Household Population	218100	222600	226600	228600	228700	227700	226200	224400
Households	93000	98300	101700	103500	104600	103900	103100	102000
Average Household Size	2.34	2.26	2.23	2.21	2.19	2.19	2.19	2.20
MARIPOSA								
Household Population	12400	14700	16800	19000	21000	23100	25200	27400
Households	4900	5700	6500	7300	8100	9000	9900	10800
Average Household Size	2.52	2.57	2.60	2.60	2.60	2.57	2.55	2.54
MENDOCINO								
Household Population	71500	78700	84800	90400	95900	101400	106700	111700
Households	27600	30500	33000	35400	38100	40800	43400	45700
Average Household Size	2.59	2.58	2.57	2.55	2.52	2.49	2.46	2.44
MERCED								
Household Population	155700	183700	209200	235300	258800	284500	310600	335800
Households	49800	57200	63300	71200	80600	91500	101900	111900
Average Household Size	3.13	3.21	3.30	3.31	3.21	3.11	3.05	3.00
MODOC								
Household Population	9300	9800	10600	11500	12200	13100	13800	14600
Households	3700	3900	4200	4600	4900	5300	5700	6100
Average Household Size	2.52	2.49	2.51	2.50	2.50	2.46	2.44	2.39

HOUSEHOLD PROJECTIONS FOR CALIFORNIA COUNTIES TO 2020

	July 1, 1985	July 1, 1990	July 1, 1995	July 1, 2000	July 1, 2005	July 1, 2010	July 1, 2015	July 1, 2020
MONO								
Household Population	8900	9400	9800	10400	10900	11400	11900	12400
Households	4100	4300	4500	4800	5200	5400	5600	5700
Average Household Size	2.18	2.19	2.18	2.15	2.11	2.11	2.14	2.17
MONTEREY								
Household Population	309600	340700	371000	397300	419800	441300	462100	481300
Households	103900	116800	128600	140800	150900	163200	174000	185400
Average Household Size	2.98	2.92	2.89	2.82	2.78	2.70	2.66	2.60
NAPA								
Household Population	98100	104200	110600	116800	122300	128000	133900	139900
Households	39400	42200	44800	47300	49700	52500	55300	57800
Average Household Size	2.49	2.47	2.47	2.47	2.46	2.44	2.42	2.42
NEVADA								
Household Population	66900	82200	97700	112500	126000	139400	152600	165400
Households	25200	31600	37600	43400	49000	54800	60700	66200
Average Household Size	2.66	2.61	2.60	2.59	2.57	2.55	2.52	2.50
ORANGE								
Household Population	2099500	2271200	2430400	2563200	2680600	2793100	2901700	2998600
Households	752400	832300	901800	961200	1020000	1079800	1132200	1173900
Average Household Size	2.79	2.73	2.70	2.67	2.63	2.59	2.56	2.55
PLACER								
Household Population	135900	157300	179600	201000	221700	242500	263500	284000
Households	50700	59900	68600	76900	85700	94700	103700	111900
Average Household Size	2.68	2.63	2.62	2.61	2.59	2.56	2.54	2.54
PLUMAS								
Household Population	18900	20600	22100	23600	24700	25700	26800	27700
Households	7700	8500	9200	9900	10500	11000	11500	11900
Average Household Size	2.46	2.42	2.40	2.38	2.35	2.34	2.33	2.32
RIVERSIDE								
Household Population	803600	999900	1163700	1327600	1472700	1619200	1766500	1909000
Households	291400	361400	420800	481700	540200	602900	666400	727700
Average Household Size	2.76	2.77	2.77	2.76	2.73	2.69	2.65	2.62
SACRAMENTO								
Household Population	872500	973900	1070500	1161300	1242600	1324700	1405900	1482200
Households	340800	387400	426700	466700	505800	546400	583100	616600
Average Household Size	2.56	2.51	2.51	2.49	2.46	2.42	2.41	2.40
SAN BENITO								
Household Population	29800	36400	42500	48100	52300	56500	60600	64400
Households	9700	11900	14000	16100	17900	19800	21700	23500
Average Household Size	3.08	3.07	3.03	2.98	2.92	2.85	2.79	2.74
SAN BERNARDINO								
Household Population	1052500	1276600	1445600	1617700	1771000	1926800	2080800	2227500
Households	367400	453100	516700	585500	654300	725300	794300	859000
Average Household Size	2.87	2.82	2.80	2.76	2.71	2.66	2.62	2.59
SAN DIEGO								
Household Population	2025500	2295600	2499600	2703300	2892800	3083000	3272200	3451500
Households	756900	880000	963600	1051700	1138400	1232200	1319700	1401300
Average Household Size	2.68	2.61	2.59	2.57	2.54	2.50	2.48	2.46
SAN FRANCISCO *								
Household Population	703400	729900	752000	735000	713400	694300	676700	657700
Households	309000	317400	325700	325700	320000	320000	320000	320000
Average Household Size	2.28	2.30	2.31	2.26	2.23	2.17	2.11	2.06

HOUSEHOLD PROJECTIONS FOR CALIFORNIA COUNTIES TO 2020

	July 1, 1985	July 1, 1990	July 1, 1995	July 1, 2000	July 1, 2005	July 1, 2010	July 1, 2015	July 1, 2020
SAN JOAQUIN								
Household Population	400800	468700	534800	594600	647800	703400	759900	814200
Households	143500	161300	182200	203000	225500	249900	274200	297300
Average Household Size	2.79	2.90	2.93	2.93	2.87	2.81	2.77	2.74
SAN LUIS OBISPO								
Household Population	175000	214500	250200	283200	311400	339900	367800	394000
Households	68800	85500	100000	114100	127000	140500	153400	165600
Average Household Size	2.55	2.51	2.50	2.48	2.45	2.42	2.40	2.38
SAN MATEO								
Household Population	606300	628500	642300	648300	649800	651000	652900	653800
Households	233700	245400	251700	254600	256300	259300	260900	261200
Average Household Size	2.59	2.56	2.55	2.55	2.54	2.51	2.50	2.50
SANTA BARBARA								
Household Population	317800	350400	374800	391300	405000	418300	431200	442500
Households	119700	133400	142900	150100	157200	164500	170900	176200
Average Household Size	2.65	2.63	2.62	2.61	2.58	2.54	2.52	2.51
SANTA CLARA								
Household Population	1365700	1458200	1539000	1607300	1667200	1725700	1784300	1838900
Households	488100	537800	573300	604800	633300	666100	692800	717200
Average Household Size	2.80	2.71	2.68	2.66	2.63	2.59	2.58	2.56
SANTA CRUZ								
Household Population	205900	232700	256100	277900	298600	320400	342700	364000
Households	78700	87400	96000	104900	114300	124600	134200	143000
Average Household Size	2.62	2.66	2.67	2.65	2.61	2.57	2.55	2.55
SHASTA								
Household Population	128500	146600	162600	177600	189700	201700	213500	224700
Households	48400	56300	62900	69100	74800	80300	85800	90600
Average Household Size	2.66	2.61	2.58	2.57	2.54	2.51	2.49	2.48
SIERRA								
Household Population	3400	3700	3900	4100	4300	4500	4600	4800
Households	1400	1500	1700	1800	1800	1900	2000	2100
Average Household Size	2.45	2.41	2.36	2.33	2.32	2.32	2.31	2.30
SISKIYOU								
Household Population	41800	43800	45200	46400	47400	48500	49500	50300
Households	17000	18000	18700	19300	19900	20500	21100	21600
Average Household Size	2.45	2.43	2.42	2.40	2.38	2.36	2.34	2.33
SOLANO								
Household Population	263700	300600	339000	375100	407100	438600	469400	498800
Households	92000	110400	126200	142100	156500	171400	185400	198700
Average Household Size	2.87	2.72	2.69	2.64	2.60	2.56	2.53	2.51
SONOMA								
Household Population	328000	364700	397700	426000	454000	471700	496500	519500
Households	129800	147200	161900	174900	189500	197000	209200	220000
Average Household Size	2.53	2.48	2.46	2.44	2.40	2.40	2.37	2.36
STANISLAUS								
Household Population	300500	343300	378300	413200	448900	485400	521700	556500
Households	106300	122100	134800	148400	163600	179600	195100	210000
Average Household Size	2.83	2.81	2.81	2.78	2.74	2.70	2.67	2.65
SUTTER								
Household Population	57600	63000	67700	71300	74900	78400	81900	85000
Households	20700	22700	24500	26100	28000	29700	31200	32500
Average Household Size	2.78	2.77	2.76	2.74	2.68	2.64	2.62	2.62

HOUSEHOLD PROJECTIONS FOR CALIFORNIA COUNTIES TO 2020

	July 1, 1985	July 1, 1990	July 1, 1995	July 1, 2000	July 1, 2005	July 1, 2010	July 1, 2015	July 1, 2020
TEHAMA								
Household Population	43400	49200	54300	59000	63300	67600	72200	76600
Households	16700	18900	20800	22500	24300	26200	28200	30000
Average Household Size	2.60	2.60	2.61	2.63	2.61	2.58	2.56	2.55
TRINITY								
Household Population	13300	14700	15800	16900	18000	19000	20000	20900
Households	5200	5800	6300	6800	7300	7800	8300	8700
Average Household Size	2.58	2.54	2.49	2.48	2.46	2.44	2.42	2.41
TULARE								
Household Population	275100	310900	349200	387400	424600	463400	503000	541900
Households	89300	100200	111400	123700	137600	153500	170000	186200
Average Household Size	3.08	3.10	3.13	3.13	3.08	3.02	2.96	2.91
TUOLUMNE								
Household Population	38100	46600	54400	60900	65800	70800	75900	80900
Households	14800	18000	20900	23300	25200	27400	29600	31800
Average Household Size	2.58	2.59	2.60	2.61	2.61	2.59	2.56	2.55
VENTURA								
Household Population	588200	652300	713800	770800	824000	874900	923900	969400
Households	194900	221400	247500	271800	295500	318900	341400	361400
Average Household Size	3.02	2.95	2.88	2.84	2.79	2.74	2.71	2.68
YOLO								
Household Population	116600	127100	136200	144300	151900	159300	166300	172500
Households	46000	50600	54700	58800	63000	67100	70700	73800
Average Household Size	2.54	2.51	2.49	2.45	2.41	2.37	2.35	2.34
YUBA								
Household Population	52000	56000	59000	61400	63100	64700	66200	67400
Households	19200	20400	21400	22600	23400	24600	25400	26300
Average Household Size	2.72	2.75	2.75	2.71	2.69	2.63	2.61	2.56

Note: Totals may not add due to independent rounding. Average household size was computed based on unrounded numbers.

* The decline in San Francisco's households was stopped at 320,000. A further drop would imply an unreasonable shrinkage in the housing stock.

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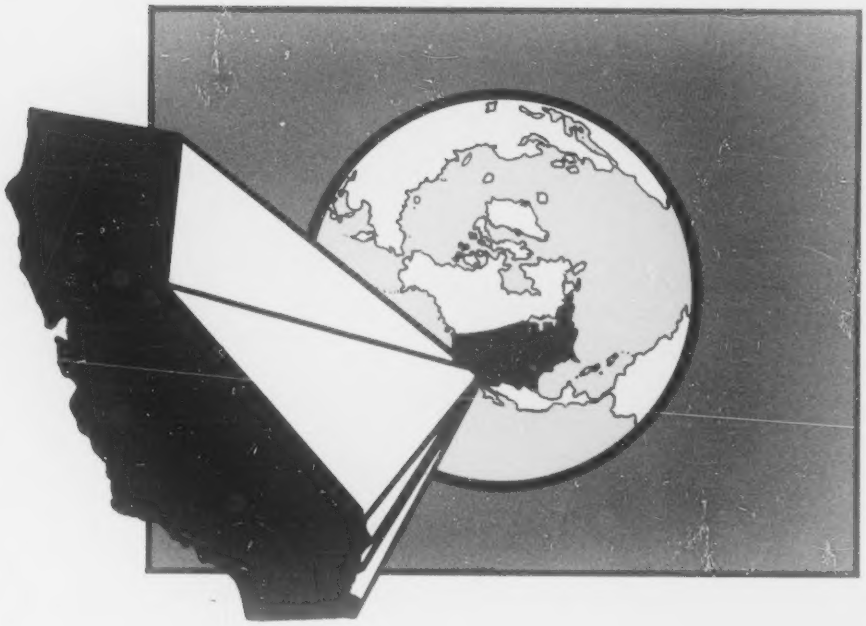
California Agricultural Exports



Annual Bulletin
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California Agricultural Exports

STATE OF CALIFORNIA

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1988
Sacramento, California

Calendar Year 1987
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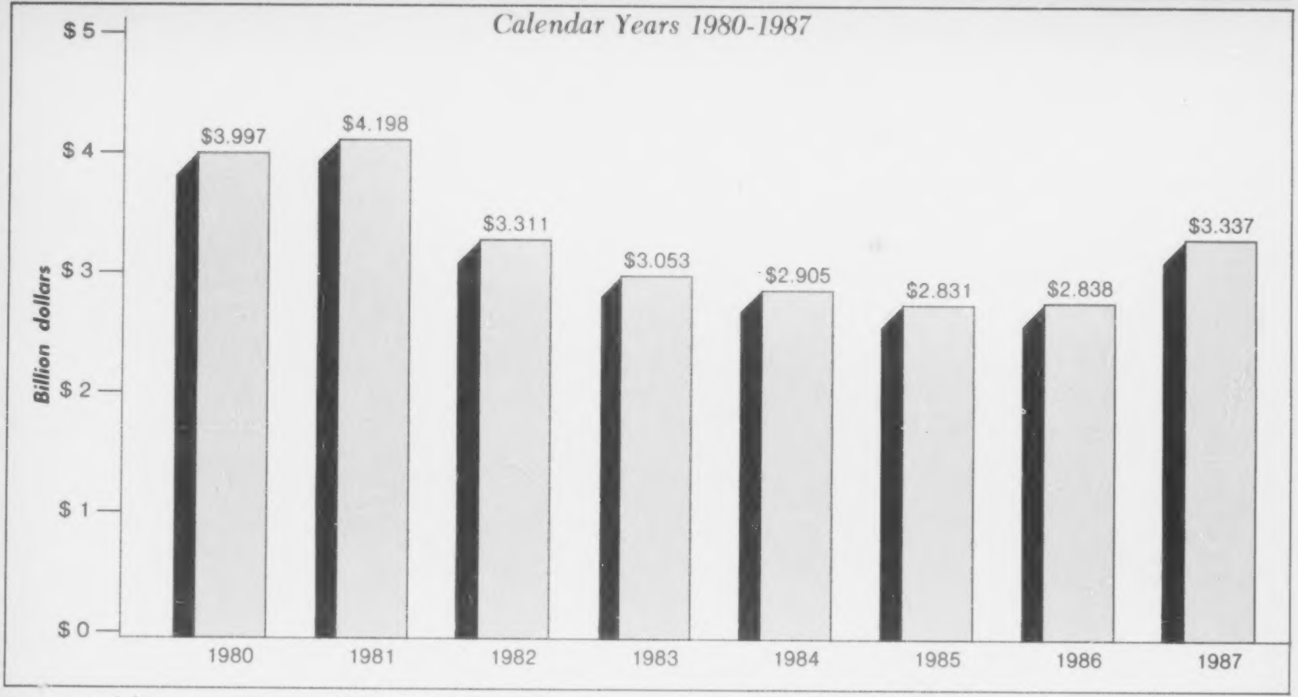
This 1987 estimate of California's agricultural exports is being published in two sections which are available separately

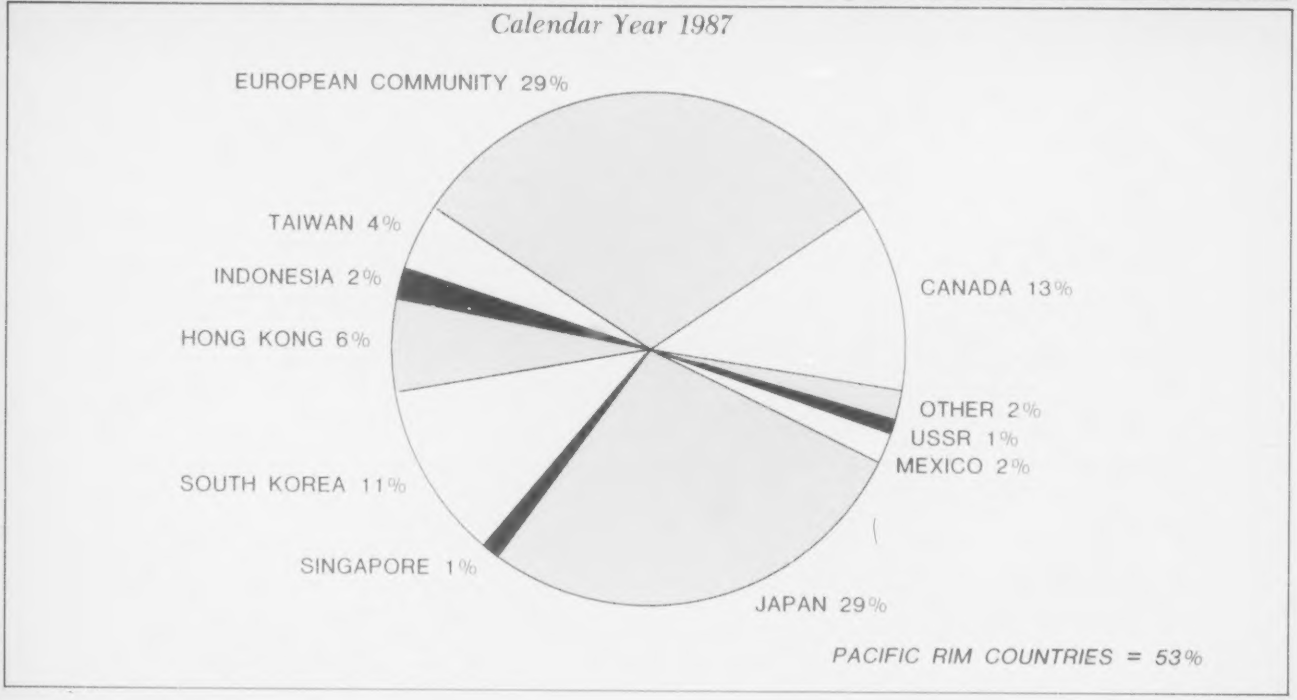
- The **Annual Bulletin** contains tables of California's international trade by commodity
- The **Statistical Appendix** contains tables of commodity shipments by country of destination and tables showing all agricultural commodities shipped to selected countries.

California's Agricultural Exports



Source: California Department of Food and Agriculture

California's Agricultural Export Markets, Value Basis



Highlights of California's Agricultural Exports
Calendar Year 1987

Table 1 Highlights

- Exports in 1987 exceeded 1986 by 18 percent displaying a real revival from the decline that began in 1982.
- Many commodities showed increases, especially cotton and the fruits, nuts and vegetables. Rice and livestock products made modest gains.
- The turnaround is a result of many factors, including the decline of the dollar that made our exports more affordable, increased promotional efforts at the State and National level and changes in competition for the world market.
- As a result of removal of some Japanese barriers to trade, sweet cherries are new to the list of leading exports.
- California's two leading agricultural exports, cotton and almonds, both revived. Together they constitute nearly one-third of the State's agricultural exports.
- More than 50 percent increases in exports between 1986 and 1987 were recorded by three commodities: wheat, plums and avocados.
- Losses of 30 percent or more were recorded by cottonseed and garlic exports between 1986 and 1987.

Information Sources

The following is a list of major sources used in this report.

U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division data series EA622, U.S. Exports, Schedule B Schedule by Schedule B Number by Unit Control by Country of Destination by Customs District of Exportation by Economic Class and Method of Transportation, available on magnetic computer tape.

U.S. Department of Agriculture, **Agricultural Statistics, 1987.**

U.S. Department of Agriculture, Economic Research Service, **Foreign Agricultural Trade of the United States, 1987.**

Agriculture Canada. **Annual Unload Report—Fresh Fruits and Vegetables on 12 Canadian Markets.**

U.S. Department of Agriculture publications: **Foreign Agriculture, Foreign Agriculture Circulars, Outlook for U.S. Agricultural Exports, Agricultural Outlook,** and periodic releases of the Agricultural Statistics Board.

Federal/State Market News Service Publications. Frequent market reports sometimes include exported commodities.

Marketing Organizations and Individuals. Many people supplied opinions and information about the commodities with which they are professionally involved. We wish to thank all those who contributed their expertise.

Farm values and quantities used to compare exports to the total crop were taken from existing publications of the California Agricultural Statistics Service and the U.S. Department of Agriculture's National Agricultural Statistics Service published material. Conversion of commodities from export form to farm production units was done using **Statistical Bulletin No. 616, Conversion Factors and Weights and Measures for Agricultural Commodities and Their Products.** Table 5 comparisons between California and U.S. total exports are done solely on export values.

The final estimates of California's agricultural exports in this bulletin were made using the port data, information from the Canadian government on unloads of fresh fruits and vegetables, and by contacting representatives of commodity groups, exporters, and handlers to obtain their opinions. Each commodity was treated separately and the estimate was made on the best available information. It should be emphasized that these are estimates since exact data are not available.

List of Abbreviations

Bu.	Bushel	Excl.	Excluding	S/S	Single Strength Gallon
Cond.	Condensed	N/A	Not Available	Gal.	Gallon
Cwt.	Hundred weight 100 Lbs.	NEC	Not Elsewhere Classified	Incl.	Including
Doz.	Dozen	No.	Number	Lb.	Pound
EEC	European Economic Community	N.S.P.F.	Not Specifically Provided For	Lbs.	Pounds
Etc.	And So Forth	Pc.	Piece	S/Ton	Short Ton 2,000 Lbs.
Evap.	Evaporated	Rba.	Running Bales 480 Lbs. Net	Stn.	Short Ton 2,000 Lbs.
Ex.	Except	Spec.	Specified	W/Gal.	Wine Gallon
				W/O	Without

Table 1

Estimated Value of California's Leading Agricultural Exports Valued at Port of Exportation, Calendar Years 1986 and 1987 with Percentage Change

Commodity	*Commodity Ranking*		*Value*		*Value Change*	
	1987	*1986*	*1987*	*1986*	*1986–87*	*1985–86*
			1,000 Dollars		Percent	
Cotton Lint	1	1	619,960	433,448	+43	−30
Almonds	2	2	464,888	420,328	+11	+5
Grapes	3	3	295,817	245,530	+20	+26
Oranges	4	4	181,069	197,200	−8	−5
Walnuts	5	6	120,489	94,924	+27	+19
Beef	6	5	110,084	100,614	+9	+6
Prunes	7	9	87,913	72,909	+21	+13
Lemons	8	8	75,489	78,335	−4	+46
Rice	9	11	71,852	54,854	+31	−50
Wheat	10	20	69,007	24,385	+183	−69
Strawberries	11	10	63,261	55,445	+14	+54
Alfalfa	12	7	58,547	82,830	−29	+54
Vegetable Seeds	13	12	50,676	47,492	+7	N/A
Peaches	14	13	44,009	45,727	−4	+19
Tomatoes	15	14	41,824	36,037	+16	−11
Melons	16	N/A	41,446	N/A	N/A	N/A
Lettuce	17	15	40,878	35,632	+15	+12
Plums	18	22	39,543	23,833	+66	+1
Flowers & Nursery	19	17	32,459	29,005	+12	−13
Dairy	20	21	31,294	24,285	+29	−26
Onions	21	18	28,405	28,487	0	−1
Dry Beans	22	19	25,962	26,516	−2	+9
Sweet Cherries	23	N/A	24,071	N/A	N/A	N/A
Grapefruit	24	16	23,648	29,385	−20	+6
Avocados	25	34	23,495	14,064	+67	−46
Kiwifruit	26	33	21,649	14,805	+46	−18
Broccoli	27	23	21,196	23,245	−9	+24
Chicken & Eggs	28	27	21,090	20,929	+1	+26
Celery	29	26	20,018	22,039	−9	+6
Asparagus	30	30	17,590	15,568	+13	+7
Safflower	31	28	15,888	18,668	−15	−15
Potatoes	32	32	14,431	15,164	−5	+58
Remaining Estimated Commodities (See Table 5)			115,750	143,459		
All Other Commodities (See Table 8)			423,146	363,341		
TOTAL			3,336,844	2,838,483	+18	0

Table 2 Highlights

California's Agricultural Export Profile, 1987

Emphasizes the importance of international trade to California's ranchers and growers

- Each commodity's exports are valued at the farm level and compared to estimates of State production.
- The percentage going into international trade ranges from less than 1% of the barley growing in California to 62% of the cotton.
- Cotton, prunes and almonds are the only California agricultural products with over one-half of total crop value derived from exports in 1987.
- In 19 crops, California produces more than 90% of the U.S. exports.
- California leads the Nation in agricultural exports as well as in total agricultural production.
- The Golden State's part of the National agricultural export total rose eight-tenths of one percent in 1987. This shows California's exports were increasing relative to other states' exports.
- California produced its 1987 agricultural exports on 8.5 % more acres than 1986. An increase in exports of high value crops (almonds, grapes, walnuts, prunes, strawberries) made possible the 18 percent value increase. Concurrently, the acreage increase was about half that amount.
- The 1.8 million acres used to produce exports represents 21.8 percent of the total acreage harvested; a two percent increase over 1986. This is estimated using State average yields and does not make allowances for land used to produce feed for livestock and livestock products that are exported.

California's leading exports

Cotton	Exports of cotton increased 43 percent in value between 1986 and 1987. Increased prices to growers were made possible by export assistance that made up the difference with the world price. Export promotion helped restore demand, especially for California's high quality, longer staple fiber.
Almonds	An 11 percent increase in value of almond exports brings this leading California specialty crop to a new record. A large almond crop in 1986 provided a need to continue the steady export gains that have nearly doubled the 1982 low. New products such as a popular Japanese snack pack of slivered almonds and dried fish have helped expand the market.
Grapes	Wine export sales pushed exports of all grapes and grape products up by 20 percent over 1986. A 73 percent gain in wine exports, together with a 17.7 percent increase in raisin sales abroad and a 5.7 percent gain in fresh grape exports creates the significant overall gain.
Oranges	Oranges were the only declining commodity among the top seven exports, each of which exceeded $100 million in sales abroad during 1987. California's share of U.S. exports declined from 89 percent to 87 percent showing the effects of increased competition from Florida. Increasing competition from other countries has reduced the total U.S. exports as well.
Walnuts	A substantial 27 percent gain in value of exports brought them into the top five list for the first time. Both the devaluation of the dollar and intensified promotion have made this possible.

Table 2

California's Agricultural Export Profile, 1987

Commodity	***Farm Value of Exports Compared to Total Production Value***	*CA Export Value Compared To U.S. Export Value at Port of Embarcation*	***Acres Needed To Produce California Exports (Average Yields)***
	Percentage		***Acres***
Field Crops			
Alfalfa Seed	18.8	43.6	12,722
Alfalfa Hay	6.3	40.7	59,254
Barley	0.4	0.2	1,318
Cotton Lint	62.4	47.6	710,443
Cottonseed	12.6	20.3	
Dry Beans	32.3	61.0	54,203
Rice	42.9	18.5	103,779
Safflower	44.0	81.0	38,760
Wheat	36.4	2.1	195,711
Fruits and Nuts			
Almonds	61.0	100.0	250,000
Apricots	12.1	96.9	4,707
Avocados	20.3	*	5,014
Dates	21.1	100.0	1,188
Figs	3.5	100.0	667
Grapes			
Fresh	30.1	96.0	19,588
Raisins	15.5	100.0	43,608
Crushed and Canned	3.7	77.5	13,694
Grapefruit	26.6	14.0	3,836
Kiwifruit	48.6	100.0	2,719
Lemons	30.3	81.0	7,769
Olives	2.5	100.0	1,706
Oranges	21.6	87.0	27,776
Peaches			
Freestone	8.9	*	3,398
Clingstone	3.8	100.0	1,040
Pears	6.1	49.9	738
Pistachios	13.9	100.0	6,667
Plums	20.2	98.4	7,680
Prunes	51.3	100.0	19,935
Tangerines	10.8	32.0	567
Walnuts	45.0	100.0	81,000
Vegetables			
Asparagus	13.2	79.8	5,033
Broccoli	10.5	95.6	8,458
Carrots	4.8	56.6	3,208
Cauliflower	9.3	90.9	4,252
Celery	9.1	86.3	1,914
Garlic	13.9	92.8	2,247
Lettuce	7.0	78.3	10,442
Melons	8.8	*	11,468
Onions	7.7	54.9	1,957
Bell Peppers	4.6	31.0	764
Potatoes	4.1	43.3	2,068
Strawberries	7.7	90.8	1,190
Tomatoes			
Fresh	8.9	30.2	2,316
Processing	1.5	87.7	3,195

Table 2 (cont'd)

California's Agricultural Export Profile, 1987

Commodity	***Farm Value of Exports Compared to Total Production Value***	*CA Export Value Compared To U.S. Export Value at Port of Embarcation*	***Acres Needed To Produce California Exports (Average Yields)***
	Percentage		*Acres*
Nursery Products			
Flowers and Plants	2.2	42.9	—
Vegetable Seeds	N/A	40.3	25,470
Livestock and Poultry			
Beef Cattle and Products	2.5	3.9	
Dairy Products	1.4	3.8	
Sheep	3.1	16.0	
Chickens and Eggs	3.4	4.2	
Turkeys	1.5	23.5	
TOTAL, ALL CATEGORIES			1,763,469

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* *Not calculated, see Table 5.*

Table 3 Highlights

Comparison of California's Agricultural Production with Estimated Exports

- The farmgate value of exports is shown in Table 3 and is compared to total State production as estimated by the California Agricultural Statistics Service or the Summary of California County Agricultural Commissioners' Reports. This comparison is made using quantities exported based on State average prices and varies significantly from the value declared at the port of embarcation used in Table 1. In some products, the high quality selection process and special packing required for overseas markets augments the value considerably.
- A comparison of California to U.S. exports is computed on the same basis: valuing exported quantities at National average farmgate prices.
- Calendar year export data do not coincide with the varying harvest periods and marketing years of California's diverse production. In noted cases, the comparison of exports to production is made with the previous calendar year's crop since considerable delay is encountered in shipping products harvested late in the year.

FRUIT AND NUT CROPS

- Almonds continue to dominate the export list in fruits and nuts; their farm value is 3.7 times the next largest fruit and nut commodity.
- Walnuts showed a significant 15.7 percent gain in export volume. Higher prices helped to increase sales value considerably more than volume. They now are export leaders along with lemons, raisins and prunes.
- Raisins showed a substantial doubling of export volume but due to lower prices the value increased only one-third.
- Wine exports increased 73 percent between 1986 and 1987 to become an over $50 million item, thereby contributing to the overall positive attitude of the wine industry.
- Avocados recorded a doubling of exports with volume gaining faster than value. This was the result of lower prices for the large 1986–87 crop.
- Kiwifruit, in contrast to avocados, recorded much larger gains in value (+94 percent) than in volume (+53 percent) showing the influence of higher prices.
- Prunes registered a comeback in exports with 1987 volume increasing 118 percent over 1986. Lower prices reduced the value gain but prunes still managed to climb the commodity list to seventh place.
- Neither fresh nor canned peaches were able to hold their export market when 1986 is compared to 1987.

FIELD CROPS

- The gain in cotton volume and value overshadows all other commodities when 1987 is compared to 1986. Cotton lint showed a 27.1 percent gain in volume and the value increased by 43.1 percent. This revival of cotton marketing abroad is the result of many influences including the devalued dollar, government supports for export prices and support for cotton promotion. The increased value of cotton exported nearly equals the value of all other field crop exports combined.
- Wheat exports have made the largest percentage gain from one year to the next. This is a result of revived sales from a disastrous year in 1986 when very little California wheat was sold abroad.
- Alfalfa seed sales were reduced (−39.1 percent) but reflect a return to more normal levels after larger than usual sales in 1986 to Saudi Arabia.
- Rice export value revived somewhat as a result of government supports for concessional rice export sales but do not reflect market developments that can be counted on in years ahead.
- Alfalfa hay exports declined due to competition from lower cost growers in other western states. Most of the hay is purchased by Japanese buyers who are going to Nevada, Utah and other western sources for lower-cost supplies of dietary fiber for the dairy cows.

VEGETABLES, FLOWERS, AND BERRIES

- Asparagus exports gained 30 percent in volume from 1986 to 1987 showing a steady growth in the market for this specialty item, especially in Japan.
- Broccoli, carrots and cauliflower each decreased 12–16 percent in value exported. The dependance on the Canadian market and competition from Mexico are affecting this export total.
- Lettuce is the leading fresh vegetable export and continued to gain in value while changing little in volume when 1986 is compared to 1987.
- Strawberries retained their gains and added an additional 23 percent in volume, showing good signs of a continually growing demand for this high value product.
- Fresh tomato export value rose 14.9 percent in value compared to processed gains of 2.9 percent.
- Melons have been expanding but this is the first year that cantaloups and watermelons have been added together with the "other" melon classification that includes mostly honeydews. Together they now are 16th on the list of exports and at the farm level about 8.8 percent of the crop is going to other countries.

LIVESTOCK AND POULTRY

- The valuations assigned to dairy products donated to foreign nutrition programs from U.S. government stockpiles do not reflect their market value.
- Beef exports expanded by over one-fourth and most of the increase was in fresh and frozen cuts and live cattle not for breeding. The latter is enhanced by an arrangement for shipping American heifers live to Japan by air for slaughter there. Hides and tallow increased less but still account for more than half of the total value of beef exports.
- While the farm-level values of chicken exports were down in 1987, turkey exports expanded by 12.6 percent.

Table 3

California's Principal Crop and Livestock Commodities Estimated Farm Value of Production and Comparable Farm Value of Exports with Comparison to U.S. Total, 1987

Commodity	*Unit*	*California Total Quantity*		*California Farm Value*		*Exported Share of Production (Farmgate Value)*	
		Production	*Exports*	**Production**	*Exports*	**California**	*U.S.*
		000 Units		*000 Dollars*		*Percent*	
Field Crops							
Alfalfa Seed	Lbs.	40,541	7,633	43,784	8,244	18.8	n/a
Alfalfa Hay	S/Tons	7,705	397	616,400	38,669	6.3	0.8
Barley	Bu.	15,300	67	32,895	141	0.4	27.6
Cotton Lint [1]	Rba.	2,989	1,796	988,368	616,283	62.4	30.3
Cottonseed [2]	S/Tons	1,152	142	107,436	13,507	12.6	13.2
Dry Beans	Cwt.	3,118	1,006	79,821	25,760	32.3	6.9
Rice [1]	Cwt.	26,057	7,991	173,938	74,691	42.9	45.5
Safflower [2]	S/Tons	121	50	26,577	11,103	44.0	n/a
Wheat [2]	Bu.	84,062	14,874	118,019	42,992	36.4	55.4
Fruits and Nuts							
Almonds [2]	S/Tons	220	135	555,602	339,232	61.0	61.0
Apricots	S/Tons	100	12.1	33,451	4,040	12.1	11.1
Avocados	S/Tons	276	18.5	91,356	18,523	20.3	11.5
Dates [1]	S/Tons	19	4.3	15,652	3,305	21.1	21.1
Figs	S/Tons	49	1.7	15,313	529	3.5	3.5
Grapes: All Fresh	S/Tons	500	114	215,240	64,779	30.1	17.0
All Raisins [1]	S/Tons	1,180	375	204,154	77,657	15.5	15.5
All Processed [1]	S/Tons	2,055	86	491,825	18,187	3.7	3.7
Grapefruit—64 # Boxes	Box	9,100	1,741	59,127	15,711	26.6	41.2
Kiwifruit [1]	S/Tons	24	11.8	24,102	12,155	48.6	50.4
Lemons—76 # Boxes	Box	21,500	3,457	152,890	46,256	30.3	14.9
Olives [1]	S/Tons	112	3.6	32,170	809	2.5	2.5
Oranges—75 # Boxes	Box	42,500	9,388	422,520	91,067	21.6	8.0
Peaches: Freestone [3]	S/Tons	346	35	133,784	11,865	8.9	6.6
Clingstone	S/tons	451	18	95,612	3,602	3.8	8.1
Pears	S/Tons	338	11	64,747	3,941	6.1	6.4
Pistachios [1]	S/Tons	27	5.2	79,510	11,069	13.9	13.9
Plums	S/tons	245	49	75,361	15,240	20.2	21.1
Prunes	S/Tons	230	61	81,081	41,571	51.3	51.3
Tangerines—75 # Boxes	Box	2,232	149	25,356	2,741	10.8	14.8
Walnuts [1]	S/Tons	180	81	194,400	87,501	45.0	45.0
Vegetable Crops							
Asparagus	Cwt.	1,191	151	74,746	9,847	13.2	10.5
Broccoli	Cwt.	10,330	812	163,103	17,126	10.5	9.9
Carrots	Cwt.	13,015	600	128,731	6,115	4.8	4.8
Cauliflower	Cwt.	5,877	489	149,205	13,941	9.3	8.9
Celery	Cwt.	12,780	1,160	136,289	12,365	9.1	9.3
Garlic	Cwt.	2,685	373	49,831	6,914	13.9	n/a
Lettuce	Cwt.	38,870	2,715	598,598	41,818	7.0	6.0
Melons	Cwt.	17,182	1,789	212,854	18,788	8.8	n/a
Onions	Cwt.	12,907	726	129,727	9,944	7.7	5.6
Peppers, Bell	Cwt.	3,797	175	70,696	3,260	4.6	n/a
Potatoes	Cwt.	18,758	761	159,649	6,587	4.1	0.5
Strawberries	Cwt.	8,232	583	407,657	31,329	7.7	6.4
Tomatoes: Fresh	Cwt.	8,492	688	188,978	15,297	8.9	7.2
Processed [2]	S/Tons	6,702	100	383,382	5,727	1.5	1.4

Table 3 (cont'd)

California's Principal Crop and Livestock Commodities Estimated Farm Value of Production and Comparable Farm Value of Exports with Comparison to U.S. Total, 1987

Commodity	*Unit*	*California Total Quantity*		*California Farm Value*		*Exported Share of Production (Farmgate Value)*	
		Production	*Exports*	*Production*	*Exports*	*California*	*U.S.*
		000 Units		*000 Dollars*		*Percent*	
Nursery Products							
Flowers and Plants		n/a	n/a	1,463,507	32,459	2.2	n/a
Livestock and Poultry							
Beef: Cattle and Calves				1,552,109	38,136	2.5	3.0
Dairy Products				2,084,731	28,873	1.4	2.9
Sheep				94,663	2,962	3.1	3.4
Chickens				654,181	22,396	3.4	3.3
Turkeys				180,081	2,705	1.5	1.0

[1] *1987 exports compared to 1986 crop due to lag in time of sale after harvest.*

[2] *Compared to an average of the 1986 and 1987 crops.*

[3] *Includes nectarines due to joint classification number assigned at port of export.*

N/A *Not Available*

Table 4 Highlights

Changes in Value of California Exported Commodities

1980–87

- Changes in value of California's exports of selected leading commodities and total exports over an eight-year period are shown on Table 4.
- The 1987 total value has increased to the 1982 level, reversing a downward trend and launching an expansion period.
- 1981 is still the peak year for value of California's agricultural exports.
- Cotton revived to its 1984–85 level after a disastrous dip in 1986.
- Almonds achieved a record level exceeding the previous high recorded in 1980.
- Grapes increased to a new high with large increases in wine and raisin sales.
- Although oranges dropped, they still remain the most stable of California's agricultural exports.
- Walnut sales abroad reached a new high placing them in the top five exports and more than doubling their 1983 low.
- Strawberries have gained again, reaching a level that is nearly five times their 1981 low.
- Although rice and wheat increased substantially from the 1986 low point, neither has regained much of the record exports of 1981 that were more than four times the current levels.
- Plums increased to three times their 1980 levels.
- Cherries have been added as a separate item since the expansion into the Japanese market was made possible by the lowering of barriers to that market.
- Onion exports have remained stable for three years.

Table 5 Highlights

California's Share of the Nation's Agricultural Exports

- California's estimated agricultural exports for calendar year 1987 are presented in Table 5 on an individual item basis. U.S. total exports of each item are also shown, and the share of the Nation's exports produced in California is calculated using this data.
- California's share of the Nation's exports increased from 10.9 percent to 11.7 percent between 1986 and 1987. While total U.S. agricultural exports advanced 9 percent, California's increase doubled the national rate to an 18 percent gain in one year.
- While California produces just over half the Nation's total fruit and nuts, two-thirds (68 percent) of the exports of these commodities come from the Golden State.
- Nut exports from the U.S. are nearly all (96 percent) produced in California.
- The total U.S. export value is heavily dependent on commodities such as soybeans and tobacco that are not produced in California and on bulk feed grains such as corn, sorghum and barley that are not in surplus supply in California.
- Among the State's crops, there are 31 where more than half of the total exported from the U.S. comes from California. Of these, 9 are exclusively grown in California and include: almonds, dates, figs, raisins, olives, kiwifruit, pistachios, prunes and walnuts.
- To arrive at the estimates in Table 5, each selected commodity was individually studied. For some that are grown only in California, the National export data are sufficient. For others produced outside California, modifications are made using California port data and information from commodity traders and exporters. Additional information on shipments of fruits and vegetables to Canada was obtained from the Canadian government.
- Only when California grown products are not easily identifiable (hides and skins, tallow, meats, and poultry, for example) is the California share of U.S. production used. This system is also used to calculate the "all other" category using factors obtained from the Economic Research Service of the U.S. Department of Agriculture. The factors were calculated for 15 groups of commodities not listed separately in Table 5 and applied to the U.S. totals that are shown in Table 8 of the Statistical Appendix to this bulletin.

Table 4

Changes in Value of California's Exported Commodities, 1980–87

Commodity	*1987*	*1986*	*1985*	*1984*	*1983*	*1982*	*1981*	*1980*
	Millions of Dollars							
Cotton Lint	620.0	433.4	617.5	624.7	859.0	897.0	989.3	1,135.6
Almonds	464.9	420.3	400.1	315.5	243.2	236.3	307.3	429.8
Grapes	295.8	245.5	195.1	195.2	212.8	245.5	260.8	230.9
Oranges	181.1	197.2	208.3	217.6	241.7	194.2	204.7	177.1
Walnuts	120.5	94.9	79.5	66.8	48.3	77.8	88.5	83.0
Beef Cattle & Products	110.1	100.6	95.1	99.8	75.5	91.0	86.7	91.8
Prunes	87.9	72.9	64.4	63.7	66.8	71.4	71.3	64.9
Lemons	75.5	78.3	53.8	88.3	95.3	82.2	92.0	93.2
Rice	71.9	54.9	109.2	91.8	150.6	111.1	321.4	318.8
Wheat	69.0	24.4	79.3	115.5	72.9	218.2	315.8	283.1
Strawberries	63.3	55.4	36.0	29.8	28.7	21.2	13.0	16.4
Alfalfa	58.5	82.8	53.8	35.4	48.2	32.2	34.2	42.3
Vegetable Seeds	50.7	47.5	–	–	–	–	–	–
Peaches	44.0	45.7	38.5	42.3	53.2	59.9	74.0	75.4
Tomatoes	41.8	36.0	32.4	36.6	40.1	45.2	50.6	43.8
Melons	41.4	–	–	–	–	–	–	–
Lettuce	40.9	35.6	31.8	40.3	37.2	39.4	36.7	29.7
Plums	39.5	23.8	23.6	22.5	11.9	13.1	14.6	13.3
Flowers and Plants	32.5	29.0	25.7	33.4	17.4	14.9	16.1	13.1
Dairy Cattle & Products	31.3	24.3	33.0	42.4	46.4	38.0	38.9	42.3
Onions	28.4	28.5	28.7	44.8	28.8	29.8	42.4	28.5
Dry Beans	26.0	26.5	24.4	25.3	19.9	36.0	45.7	42.1
Sweet Cherries	24.1	–	–	–	–	–	–	–
Grapefruit	23.6	29.4	27.7	9.1	17.0	17.5	18.4	17.8
Avocados	23.5	14.1	7.6	16.2	10.0	8.9	23.6	–
TOTAL	3,336.8	2,838.5	2,831.4	2,905.0	3,053.2	3,311.3	4,198.2	3,997.8

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	*Unit*	*Estimated Exports of California Origin*		*Total U.S. Exports*		*Estimated CA Exports Compared to U.S. Exports*
		Quantity	Value	Quantity	Value	(Value Basis)
		000 Units	*000 $*	*000 Units*	*000 $*	*Percent*
			FIELD CROPS			
Alfalfa						
Alfalfa Hay Cubes	Stn	235	29,405	592	70,624	
Alfalfa Meal, Dehydrated	Stn	1	50	45	4,215	
Alfalfa Meal, Sun Cured	Stn	0	30	8	470	
Hay and Straw	Stn	161	19,773	376	45,827	
Alfalfa Seed, Uncertified	Lb	1,358	1,646	2,981	3,376	
Alfalfa Seed, Certified	Lb	6,275	7,643	14,445	17,914	
SUBTOTAL—ALL ALFALFA			58,547		142,426	41.1
Barley						
Barley, Unmilled	Bu	67	541	138,872	249,399	2
Cotton						
Cotton: 1" to 1⅛"	Rba	1,976	558,471	4,119	1,176,690	
Cotton: Other > 1⅛"	Rba	174	57,839	349	116,476	
Cotton Linters: Felting Grade	Lb	620	93	2,780	430	
Cotton Linters: Other	Lb	16,294	3,557	49,553	9,589	
SUBTOTAL—ALL COTTON			619,960		1,303,185	47.6
Cottonseed						
Cottonseed	Lb	11,310	1,578	55,713	7,772	
Cottonseed Oil, Crude	Lb	4,290	910	21,133	4,482	
Cottonseed Oil, Once Refined	Lb	39,474	8,180	194,455	40,294	
Cottonseed Oil, Other	Lb	4,577	1,075	22,547	5,294	
Cottonseed Oil, Cake & Meal	Stn	4	435	18	2,141	
Cottonseed Oil, Hydrogenated	Lb	610	259	3,005	1,277	
SUBTOTAL—ALL COTTONSEED			12,437		61,260	20.3
Dry Beans						
Lima Beans	Lb	49,067	11,911	49,067	11,911	
White Beans	Lb	1,704	589	7,582	1,704	
Red Kidney Beans	Lb	10,740	3,024	10,740	3,024	
Blackeye Beans (Cowpeas)	Lb	29,575	8,502	29,575	8,502	
Other Beans	Lb	9,540	1,936	76,316	15,491	
Other Peas (Garbanzos)	Lb	0	0	8,929	1,932	
SUBTOTAL—ALL DRY BEANS			25,962		42,564	61.0
Ladino Clover Seed						
Ladino Clover Seed	Lb	1,643	2,555	1,643	2,555	100.0

Table 5 (cont'd)

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		000 Units	000 $	000 Units	000 $	Percent
Rice						
Rice, Paddy or Rough	Lb	61,694	3,274	143,615	7,375	
Rice, Husked, Brown, Long	Lb	378	62	472,259	43,967	
Rice, Husked, Brown, Medium	Lb	62,843	4,370	95,388	7,823	
Rice, Husked, Brown, Short	Lb	782	140	1,609	234	
Rice, Husked, Brown, Mixed	Lb	963	177	2,269	313	
Rice, Parboiled, Other	Lb	569	124	22,666	2,698	
Rice, Milled, Long	Lb	48,706	6,655	2,164,353	224,600	
Rice, Milled, Medium	Lb	593,995	55,066	642,602	62,111	
Rice, Milled, Short	Lb	4,661	776	22,085	2,057	
Rice, Milled, Mixed	Lb	2,013	256	112,051	9,478	
Rice, Milled > 74% Broken	Lb	226	37	143,797	8,731	
Rice, Milled, Other	Lb	8	2	916	34	
Rice, Milled, for Relief	Lb	224	29	200,230	16,555	
Rice Byproducts	Stn	11	884	41	3,070	
SUBTOTAL—ALL RICE			71,852		389,046	18.5
Safflower						
Safflower Seed	Lb	46,158	5,985	69,050	7,809	
Safflower Oil	Lb	24,104	9,903	27,489	11,814	
SUBTOTAL—ALL SAFFLOWER			15,888		19,623	81.0
Wheat						
Wheat, Unmilled, Relief	Bu	0	0	19,059	59,251	
Wheat, Unmilled, Not Relief	Bu	14,874	67,044	1,106,676	2,985,845	
Wheat, Flour, Relief	Cwt	0	0	4,638	19,569	
Wheat, Flour, Not Relief	Cwt	0	0	24,875	171,633	
Wheat, Flour, Durum & Semolina	Cwt	0	0	1,492	11,717	
Wheat, Bulgur, Relief	Cwt	252	1,951	3,226	25,071	
Wheat, Bulgur, Not Relief	Cwt	0	0	106	931	
Wheat, Other NEC	Cwt	0	0	90	224	
Wheat Byproducts	Stn	0	12	12	979	
SUBTOTAL—ALL WHEAT			69,007		3,275,220	2.1
SUBTOTAL—ALL FIELD CROPS			876,749		5,485,278	
		FRUIT AND NUT CROPS				
Almonds						
Almonds, Not Shelled	Lb	10,516	9,734	10,516	9,734	
Almonds, Shelled	Lb	204,684	334,289	204,684	334,289	
Almonds, Prepared/Preserved	Lb	59,478	120,865	59,478	120,865	
SUBTOTAL—ALL ALMONDS			464,888		464,888	100.0

Table 5 (cont'd)

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	*Unit*	*Estimated Exports of California Origin*		*Total U.S. Exports*		*Estimated CA Exports Compared to U.S. Exports*
		Quantity	Value	Quantity	Value	(Value Basis)
		000 Units	*000 $*	*000 Units*	*000 $*	*Percent*
Apricots						
Fresh Apricots (to Canada)	Lb.	2,665	1,399	3,055	1,604	
Dried Apricots (incl. Peaches, Nectarines, and Pears)	Lb	2,571	4,464	2,571	4,464	
Apricots, Prepared/Preserved	Lb	1,049	616	1,049	616	
SUBTOTAL—ALL APRICOTS			6,479		6,684	96.9
Avocados						
Fresh Avocados	Lb	37,046	23,495	*	*	[1]
Dates						
Dried Dates	Lb	8,517	8,023	8,517	8,023	100.0
Figs						
Dried Figs	Lb	1,138	1,051	1,138	1,051	100.0
Grapes						
Fresh	Lb	227,294	103,688	237,396	108,008	
Dried Raisins	Lb	186,643	128,697	186,643	128,697	
Wines, Not Over 14% Alcohol	W/Gal	8,752	45,633	9,127	47,534	
Other Wines from Grapes	W/Gal	1,873	9,187	1,953	9,570	
Other Fermented Alcoholic Beverages	Gal	759	3,517	792	3,664	
Grape Juice, Not Concentrated	Gal	140	216	1,075	1,641	
Grape Juice, Concentrated, Frozen	S/S Gal	227	351	2,326	4,719	
Grape Juice, Concentrated, Not Frozen	S/S Gal	550	907	4,940	11,073	
Canned Mixture (16% Grapes)	Lb	8,018	3,621	8,018	3,621	
SUBTOTAL—ALL GRAPES			295,817		318,527	92.9
Grapefruit						
Fresh Grapefruit	Lb	111,393	23,648	795,662	168,914	14.0
Kiwifruit						
Kiwifruit	Lb	23,601	21,649	23,601	21,649	100.0
Lemons						
Fresh Lemons	Lb	262,742	75,489	324,373	93,196	81.0

Table 5 (cont'd)

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	*Unit*	*Estimated Exports of California Origin*		*Total U.S. Exports*		*Estimated CA Exports Compared to U.S. Exports (Value Basis)*
		Quantity	Value	Quantity	Value	
		000 Units	*000 $*	*000 Units*	*000 $*	*Percent*
Olives						
Canned Olives	Lb	2,506	2,064	2,506	2,064	
Other Olives	Lb	1,113	897	1,113	897	
SUBTOTAL—ALL OLIVES			2,961		2,961	100.0
Oranges						
Fresh Oranges	Lb	704,126	181,069	809,340	208,125	87.0
Peaches						
Fresh Peaches & Nectarines	Lb	69,892	20,938	85,244	24,410	
Canned Peaches	Lb.	34,241	12,887	34,241	12,887	
Canned Mixtures (45 percent Peaches)	Lb	22,550	10,184	22,550	10,184	
SUBTOTAL—ALL PEACHES			44,009		47,481	92.7
Pears						
Fresh Pears	Lb	21,716	6,126	91,852	19,513	
Canned Pears	Lb	1,329	541	2,490	1,014	
Canned Mixtures (30 percent Pears)	Lb	15,835	7,152	15,835	7,152	
SUBTOTAL—ALL PEARS			13,819		27,679	49.9
Pistachios						
Pistachios, Not Shelled	Lb	5,534	6,563	5,534	6,563	
Pistachios, Shelled	Lb	1,171	1,428	1,171	1,428	
Pistachios, Prepared or Preserved	Lb.	1,038	1,976	1,038	1,976	
SUBTOTAL—ALL PISTACHIOS			9,967		9,967	100.0
Plums						
Fresh Plums	Lb	98,958	39,543	108,971	40,202	98.4
Prunes						
Dried Prunes	Lb	121,376	87,913	121,376	87,913	100.0
Sweet Cherries						
Sweet Cherries	Lb	17,691	24,071	46,540	52,595	45.8
Tangerines						
Fresh Tangerines	Lb.	11,140	2,741	34,811	8,567	32.0
Walnuts						
Walnuts, Not Shelled or Preserved	Lb	116,836	97,605	116,836	97,605	
Walnuts, Shelled	Lb	16,260	22,884	16,260	22,884	
SUBTOTAL—ALL WALNUTS			120,489		120,489	100.0
SUBTOTAL—ALL FRUITS & NUTS			1,447,121		1,688,911	
VEGETABLES, VEGETABLE SEEDS, MELONS AND BERRIES						
Asparagus						
Fresh Asparagus	Lb	14,683	17,334	18,180	20,439	
Canned Asparagus	Lb	322	256	1,654	1,595	
SUBTOTAL—ALL ASPARAGUS			17,590		22,034	79.8

Table 5 (cont'd)

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		000 Units	000 $	000 Units	000 $	Percent
Broccoli						
Fresh Broccoli	Lb.	81,168	21,196	84,550	22,164	95.6
Cabbage						
Fresh Cabbage	Lb.	9,811	1,262	11,664	1,396	90.4
Carrots						
Fresh Carrots	Lb.	57,883	11,055	95,016	18,437	
Frozen Carrots	Lb.	2,140	545	8,344	2,046	
SUBTOTAL—ALL CARROTS			11,600		20,483	56.6
Cauliflower						
Fresh Cauliflower	Lb.	48,917	13,150	54,014	14,472	90.9
Celery						
Fresh Celery	Lb.	115,990	20,018	167,235	23,207	86.3
Garlic						
Fresh Garlic	Lb.	6,269	3,611	7,764	4,322	
Dried Garlic	Lb.	7,374	5,554	7,374	5,554	
SUBTOTAL—ALL GARLIC			9,165		9,876	92.8
Lettuce						
Fresh Lettuce	Lb.	271,543	40,878	342,876	52,180	78.3
Melons						
Fresh Melons (Honeydews)	Lb.	78,749	19,530	86,937	21,367	
Cantaloup	Lb.	68,548	14,074	78,502	10,400	
Watermelon	Lb.	31,621	7,842	40,239	9,659	
SUBTOTAL—ALL MELONS			41,446		41,426	[1]
Onions						
Fresh Onions	Lb.	44,177	5,425	163,861	19,582	
Dried Onions	Lb.	26,217	22,980	40,108	32,200	
SUBTOTAL—ALL ONIONS			28,405		51,782	54.9
Peppers						
Fresh Peppers	Lb.	17,525	3,563	67,741	11,505	31.0
Potatoes						
Fresh Potatoes	Lb.	76,153	14,431	171,588	32,535	
Potatoes for Seed	Lb.	0	0	12,125	807	
SUBTOTAL—ALL POTATOES			14,431		33,342	43.3

Table 5 (cont'd)

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	*Unit*	*Estimated Exports of California Origin*		*Total U.S. Exports*		*Estimated CA Exports Compared to U.S. Exports*
		Quantity	Value	Quantity	Value	(Value Basis)
		000 Units	*000 $*	*000 Units*	*000 $*	*Percent*
Strawberries						
Fresh Strawberries	Lb.	50,327	58,759	54,590	63,604	
Frozen Strawberries	Lb.	8,013	4,502	10,821	6,080	
SUBTOTAL—ALL STRAWBERRIES			63,261		69,684	90.8
Tomatoes						
Fresh Tomatoes	Lb	68,751	19,809	226,687	65,593	
Canned Tomato Pulp (Puree)	Lb	2,198	923	2,506	1,052	
Canned Tomato Sauce (Ex. Chili)	Lb.	5,682	2,009	6,479	2,291	
Canned Tomato Paste	Lb	17,926	6,771	20,440	7,721	
Canned Other Tomatoes	Lb.	7,051	1,864	8,040	2,125	
Tomato Juice and Vegetable Juice (> 70 percent Tomato)	Gal	1,238	2,950	1,412	3,364	
Catsup and Chili Sauce	Lb.	20,566	7,498	23,450	8,550	
SUBTOTAL—ALL TOMATOES			41,824		90,696	46.1
Nursery Products						
Cut Flowers	–		2,136		4,811	
Other Cut Plant Materials	–		11,103		25,006	
Bulbs, Roots, Corms, Etc.	–		1,116		3,614	
Fruit and Nut Plants	–		2,940		6,819	
Rose Plants	–		1,532		3,064	
Nursery Stocks, N.S.P.F.	–		5,984		23,839	
Flower Seeds	Lb		7,648		8,498	
SUBTOTAL—ALL FLOWERS AND PLANTS			32,459		75,651	42.9
Vegetable seeds						
Carrot Seed	Lb	182	693	1,643	3,572	
Onion Seed	Lb	390	2,384	927	5,397	
Pepper Seed	Lb	13	89	459	1,331	
Radish Seed	Lb	241	363	4,314	5,866	
Spinach Seed	Lb	118	112	2,516	2,703	
Cantaloup Seed	Lb	61	276	275	1,667	
Cucumber Seed	Lb	252	1,244	736	4,109	
Lettuce Seed	Lb	102	671	207	1,172	
Squash Seed	Lb	78	411	796	2,365	
Tomato Seed	Lb	176	1,557	595	5,043	
Watermelon Seed	Lb	728	2,281	1,316	4,352	
Veg. Seed N.S.P.F.	Lb.	6,702	28,772	19,356	55,217	
Seeds N.S.P.F.	Lb.	5,140	11,823	35,871	33,071	
SUBTOTAL—ALL VEGETABLE SEEDS			50,676		125,865	40.3
SUBTOTAL—ALL VEGETABLES, NURSERY PRODUCTS, SEEDS, MELONS AND BERRIES			410,924		665,763	

Table 5 (cont'd)

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		000 Units	000 $	000 Units	000 $	Percent
		LIVESTOCK AND POULTRY				
Beef, Cattle and Products						
Beef Bulls, for Breeding	No	0	130	11	10,247	
Beef Females, for Breeding	No	0	146	9	9,034	
Cattle, Not for Breeding	No.	1	1,224	62	32,813	
Beef, Fresh or Frozen, with Bone	Lb	4,827	3,463	115,082	82,554	
Beef, Fresh or Frozen, w/o Bone	Lb.	13,413	26,811	319,794	639,247	
Veal, Fresh or Frozen	Lb	270	282	6,439	6,712	
Beef Tongues, Fresh or Frozen	Lb.	2,859	3,708	68,163	88,396	
Beef Livers, Fresh or Frozen	Lb	4,078	1,402	97,223	33,422	
Other Beef Offal	Lb.	9,915	7,651	236,397	182,429	
Veal Offal	Lb	53	51	1,272	1,218	
Beef, Excluding Carcass	Lb	621	1,080	14,811	25,739	
Veal, Excluding Carcass	Lb	11	32	256	755	
Beef and Veal, Canned	Lb	61	58	1,448	1,385	
Beef and Veal, Otherwise Prepared	Lb	305	620	7,270	14,779	
Whole Cattle Hides	Pc	879	47,924	23,953	1,306,209	
Whole Calf Skins	Pc	80	1,002	2,191	27,318	
Cut Cattle Hides/Spec. Cuts	Pc.	11	204	306	5,572	
Other Cut Cattle Hides	Lb	2,789	584	76,019	15,923	
Tallow, Edible	Lb	2,349	415	64,037	11,299	
Tallow, Inedible	Lb	86,691	13,297	2,362,812	362,428	
SUBTOTAL—ALL CATTLE & PRODUCTS			110,084		2,857,479	3.9
Dairy, Cattle and Products						
Dairy Bulls, for Breeding	No.	0	65	6	11,875	
Dairy Females, for Breeding	No	3	3,151	42	41,262	
Fluid Milk and Cream	Gal	284	894	2,107	5,584	
Evap. Milk and Cream, Evap Milk and Cream, Canned	Lb	561	318	2,706	1,210	
Condensed Milk and Cream, Canned	Lb	194	56	2,069	803	
Evap. or Cond. Milk and Cream, Bulk	Lb	71	23	401	138	
Nonfat Dry Milk, Relief	Lb	10,643	3,086	279,647	75,009	
Nonfat Dry Milk, Not Relief	Lb	25,964	8,119	379,042	123,659	
Other Dried Milk and Cream	Lb	724	375	8,744	4,681	
Butter	Lb	189	186	16,473	8,411	
Cheddar Cheese	Lb	202	334	6,578	4,589	
Am. Type Cheeses, Excl. Cheddar	Lb	1,326	1,364	29,038	20,469	
All Other Cheeses	Lb	526	730	7,505	10,668	
Infant's Dried Milk Base Supplement	Lb	298	559	11,856	16,522	
Other Dried Milk Base/Diet Supplement	Lb	572	922	5,134	7,651	
Ice Cream	Gal	1,991	4,436	2,772	6,238	
Milk Products, NEC	—	0	1,137	0	5,375	

Table 5 (cont'd)

California's Principal Agricultural Exports Compared to U.S. Total 1987

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		000 Units	000 $	000 Units	000 $	Percent
Whey, Fluid	Gal.	0	0	35	195	
Whey, Dried	Lb.	17,142	5,398	64,431	20,593	
Yogurt and Fermented Milk	Lb.	289	141	2,275	1,267	
SUBTOTAL—ALL DAIRY CATTLE AND PRODUCTS			31,294		366,199	8.5
Sheep						
Sheep, Live	No.	7	383	42	2,395	
Sheep/Lamb Meat, Fresh or Frozen	Lb.	235	438	1,472	2,739	
Sheep and Lamb Offal	Lb.	1,435	845	8,971	5,287	
Whole Skins, Sheep, Lambs, with Wool	No.	301	2,848	1,885	17,812	
Sheep, Lamb Skins w/o Wool	No.	894	3,799	5,588	23,755	
SUBTOTAL—ALL SHEEP, LAMB AND PRODUCTS			8,313		51,988	16.0
Horses						
Horses for Breeding (actual no.)	No.	38	4,101	3,345	79,546	
Horses, NSPF, Live (actual no.)	No.	0	0	17,703	134,424	
SUBTOTAL—HORSES			4,101		213,970	1.9
Chickens						
Chickens for Breeding	No.	53	168	13,937	47,592	
Baby Chicks, Excl. Breeder Stock	No.	18	47	14,333	7,494	
Chickens, Fresh/Frozen Whole/Young	Lb.	939	578	126,388	66,904	
Other Chickens, Fresh/Frozen, Whole	Lb.	88	56	27,548	14,132	
Chicken Parts, Fresh or Frozen	Lb.	8,640	4,431	610,463	278,766	
Eggs for Hatching	Doz.	148	726	19,023	33,526	
Other Eggs, in Shell	Doz.	5,848	3,321	29,558	17,639	
Dried Egg Whites	Lb.	2,016	4,876	6,300	13,516	
Dried Whole Eggs	Lb.	483	978	2,354	4,133	
Egg Whites, Not Dried	Lb.	3,048	1,497	17,534	11,842	
Other Eggs, Not Dried	Lb.	6,765	4,412	11,299	7,713	
SUBTOTAL—ALL CHICKENS AND PRODUCTS			21,090		503,257	4.2
Turkeys						
Turkey Poults, Live	No.	58	54	1,051	979	
Whole Turkeys, Fresh or Frozen	Lb.	2,765	1,842	7,868	5,564	
Turkey Parts, Fresh or Frozen	Lb.	5,266	2,126	25,299	10,538	
SUBTOTAL—ALL TURKEYS AND PRODUCTS			4,022		17,081	23.5
SUBTOTAL—ALL LIVESTOCK			178,904		4,009,974	
TOTAL—PRINCIPAL COMMODITIES			2,734,794		7,839,952	
TOTAL—ALL OTHER COMMODITIES			423,146			
TOTAL—ALL AGRICULTURAL EXPORTS			3,336,844		28,637,000	11.7

[1] *Canadian data exceeds U.S.—discrepancy has not been resolved.*

Data Guidelines

- Because data sources often differ in what is included or excluded, various export studies may report different numbers depending on the items and trade patterns included.
- The California Agricultural Statistics Service and the U.S. Department of Commerce are constantly updating and revising data. The most recent available revision was used at the time of the assembly of this report: June–September, 1988.
- Shipments under the federal Agricultural Trade Development Assistance Act and Act for International Development are included.
- Agricultural commodities in this report consist of nonmarine food products and agricultural products that have not passed through complex manufacturing processes. This includes raw hides and skins, vegetable and animal fats and olives, and unrefined wines.

Data Not Included

- Manufactured items such as textiles, boots and shoes, baked goods and distilled alcoholic beverages are not included.
- Shipments between the 50 states, Puerto Rico and U.S. island possessions (Virgin Islands, Guam, etc).
- Shipments in transit from one country to another through the U.S.
- Shipments to U.S. Armed Forces and Diplomatic Missions abroad for their own use.

California Agricultural Export Market Development Program

The program is a result of the sharp decline in the State's agricultural exports and became effective January 1, 1986 when Assembly Bill 1423 became law. It encourages and promotes the sale of California's agricultural products in foreign markets by providing $2.1 million through June 1986, and calls for an annual appropriation of $5 million each succeeding year through 1990.

The California program provides individual firms and commodity groups involved in exporting California agricultural products the opportunity to apply for matching State funds to promote their products directly in the international marketplace. It is a positive step to help agriculture meet the demands of the fiercely competitive and protective world market and is the first "cooperator" program instituted by any state.

Those interested in applying for matching funds for export promotion should contact the Export Promotion Program, Director's Office, Department of Food and Agriculture, 1220 N Street, Room 104, Sacramento, CA 95814, (916) 322-4339.

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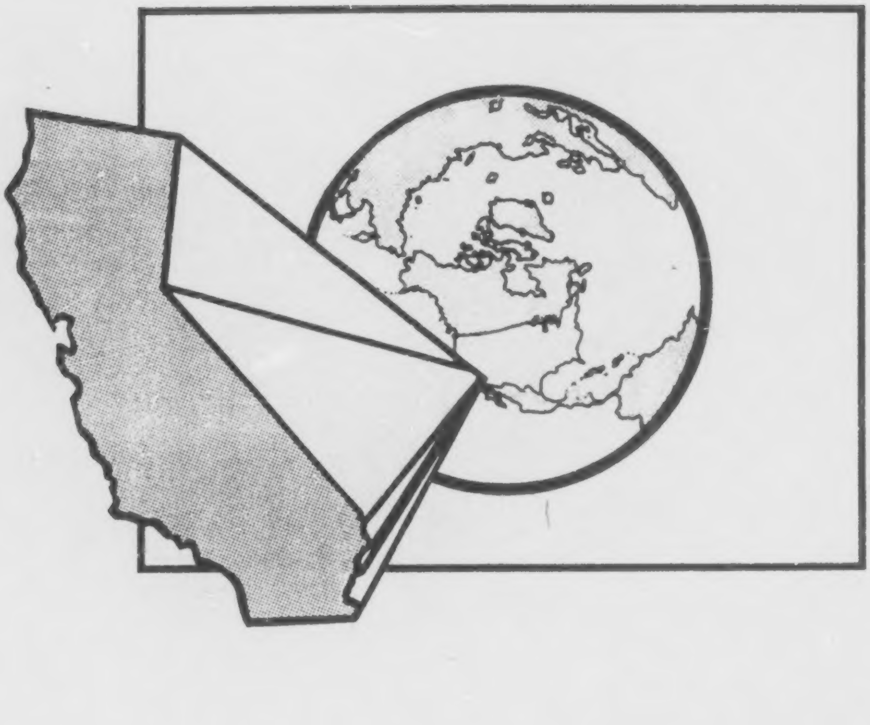

Statistical Appendix

1987

CALIFORNIA AGRICULTURAL EXPORTS APPENDIX

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INTRODUCTION: The publication Exports of Agricultural Commodities Produced in California is published in two parts: an Annual Bulletin and a Statistical Appendix. The Annual Bulletin provides a review of data and information sources, the value and quantity for California's major agricultural export items with year-to-year comparisons, farm value, acreage required to produce selected agricultural exports, and comparisons of California exports to those of the nation. The Statistical Appendix provides detail on value and quantity of exports of agricultural goods that are of interest to California. Detail on commodity movement to specific markets is provided by country with commodity detail, and by commodity with individual country detail. Statistics on the method of shipment, either by air or vessel, are also presented within the country detail tables. All dollar amounts represent the value of the product as it arrives at the port of exportation including transportation, insurance, and other costs (c.i.f. port of export). Costs incurred beyond the U.S. port of exportation are not included.

Port district statistics reflect total shipments of the item through the port district, without consideration of the point of origin of the commodity within the United States. Therefore, individual users of this data must apply their own knowledge of trade patterns to determine the portion of a specific product that originates on California farms and ranches. Products moving to Canada from California are rarely reflected in the California port district statistics. Additional information on trade with Canada is available from the Federal-State Market News Service and Agriculture Canada, referenced in the Annual Bulletin.

Table 6 provides commodity information by destination, with total U.S. exports and movement of the goods through the California port districts. Over 150 agricultural products are presented.

Table 7 shows exports to 25 countries based on the total value of U.S. exports in over 400 separate agricultural commodities. Commodities are presented in numeric order based on the Bureau of Census Schedule B Classification. Statistics include total quantity and value exported from the U.S. and the California ports, and gross quantity and value of air and vessel shipments. The total of air and vessel quantity statistics may exceed those for the port districts since these "method of transportation" columns reflect gross weight, rather than the net weights shown in the U.S. and California Port District totals. Users are again cautioned to avoid assuming that all product movement through the port districts reflects production occurring in California.

The final table, Table 8, lists products that are not treated individually in Table 5 of the Annual Bulletin. Commodities that are not produced commercially in California have been excluded, so the totals presented do not coincide with similar lists published by the Foreign Agricultural Service.

Additional details on exports of other commodities of interest to California or on shipments to countries not included in this report may be obtained on a request basis from the Agricultural Statistics Branch, 1220 N Street, Room 243, Sacramento, CA 95814.

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Department of Food and Agriculture

November 1988

NOTES TO THE STATISTICAL APPENDIX

SOURCE: The tables in this appendix were prepared from data extracted from the U.S. Department of Commerce, Data Tape EA622, U.S. Exports, Schedule B Schedule by Schedule B Number by Unit Control by Country of Destination by Customs District of Exportation by Economic Class and Method of Transportation.

Table 6: "Agricultural Exports: U.S. and California Port District Totals" summarizes data for 1986 exports of over 150 agricultural products by destination.

1. "California Ports Quantity" is net units of product at the port of exportation.
2. Countries with purchases of less than $5,000 of a specific commodity are totaled and included as "Other".
3. The sum of all individual country values for a commodity may differ from that presented under "Total" due to rounding.
4. Statistics for California port districts should be applied carefully since value and quantity for products shipped from California ports could include production originating in other states.

Table 7: "1986 Annual Exports by Country" details exports to 25 countries, selected by the total value of their U.S. purchases of 400 agricultural products of commercial interest to California.

1. Individual commodities are ranked within each country by the total U.S. purchase value of the commodity.
2. "U.S. Total Quantity" and "California Ports Quantity" are net quantity at the port of exportation.
3. "Vessel Quantity" and "Air Quantity" are gross weights at the port of exportation, and may total more than "U.S. Total Quantity" or "California Ports Quantity".

Table 8: "Other Agricultural Commodities Exported thru U.S. and California Port Districts" provides supplementary data for the commodities not included in Table 5.

1. A modified production share approach was used in calculating the contribution of these commodities to California's agricultural exports, as explained in the introduction to Table 5 in the Annual Bulletin.

LIST OF ABBREVIATIONS — COUNTRY NAMES

ABBREVIATION	COUNTRY
AFGHAN	Afghanistan
ALBANIA	Albania
ALGERIA	Algeria
ANGOLA	Angola
ARGENT	Argentina
AUSTRAL	Australia
AUSTRIA	Austria
BAHAMAS	Bahamas
BAHRAIN	Bahrain
BNGLDSH	Bangladesh
BARBADO	Barbados
BELGIUM	Belgium & Luxembourg
BELIZE	Belize
BENIN	Benin
BERMUDA	Bermuda (British)
BOLIVIA	Bolivia
BOTSWAN	Botswana
BRAZIL	Brazil
B IND O	British Indian Ocean Territory
BRUNEI	Brunei
BULGAR	Bulgaria
BURKINA	Burkina (Formerly Upper Volta)
BURMA	Burma
BURUNDI	Burundi
CAMBOD	Cambodia
CAMROON	Cameroon
CANADA	Canada
CANTON	Canton & Enderbury Islands
CAYMAN	Cayman Islands
C AF RP	Central African Empire
CHAD	Chad
CHILI	Chili
CHINA M	China (Mainland)
TAIWAN	China (Taiwan)
COLOMB	Colombia
COMOROS	Comoros
CO BRAZ	Congo (Brazzaville)
C RICA	Costa Rica
CUBA	Cuba
CYPRUS	Cyprus
CZECHO	Czechoslovakia
DENMARK	Denmark (Except Greenland)
DJIBUTI	Djibouti
DOM REP	Dominican Republic
E GERM	East Germany
ECUADOR	Ecuador
EGYPT	Egypt
SALVADR	El Salvador
EQ GUIN	Equatorial Guinea
ETHIOP	Ethiopia
FALK IS	Falkland Islands (Islas Malvinas)
FINLAND	Finland
FRANCE	France
F GUIAN	French Guiana
F IND O	French Indian Ocean Areas
FR P IS	French Pacific Islands
F W IND	French West Indies
GABON	Gabon
GAMBIA	Gambia
GHANA	Ghana
GIBRALT	Gibraltar
GREECE	Greece
GREENLD	Greenland
GUATMAL	Guatemala
GUINEA	Guinea
GUYANA	Guyana
HAITI	Haiti
HONDURA	Honduras
HG KONG	Hong Kong
HUNGARY	Hungary
ICELAND	Iceland
INDIA	India
INDNSIA	Indonesia
IRAN	Iran
IRAQ	Iraq
IRELAND	Ireland
ISRAEL	Israel
ITALY	Italy
IVY CST	Ivory Coast
JAMAICA	Jamaica
JAPAN	Japan
JORDAN	Jordan
KENYA	Kenya
SO KOR	Korea, Republic of
KUWAIT	Kuwait
LAOS	Laos

ABBREVIATION	COUNTRY
LEBANON	Lebanon
LW WWI	Leeward & Windward Islands
LESOTHO	Lesotho
LIBERIA	Liberia
LIBYA	Libya
MACAO	Macao
MALAGAS	Malagasy Republic
MALAWI	Malawi
MALAYSA	Malaysia
MALI	Mali
MALTA	Malta
MAURITN	Mauritania
MAURIT	Mauritius
MEXICO	Mexico
MONGOLA	Mongolia
MOROC	Morocco
MOZAMBQ	Mozambique
NAMIBIA	Namibia
NEPAL	Nepal
NETHLDS	Netherlands
N ANTIL	Netherlands Antilles
NEW GUI	New Guinea, Eastern
N ZEAL	New Zealand
NICARAG	Nicaragua
NIGER	Niger
NIGERIA	Nigeria
NO KOR	North Korea
NORWAY	Norway
OMAN	Oman
O PAC IS	Other Pacific Island, NEC
O W AF	Other West Africa, NEC
PAC I T	Pacific Islands (Trust Territory)
PAKISTN	Pakistan
PANAMA	Panama
PARAGUA	Paraguay
PERU	Peru
PHIL R	Philippines
POLAND	Poland
PORTUGL	Portugal
QATAR	Qatar
ROMANIA	Romania
RWANDA	Rwanda
S HELNA	St. Helena
SP MQEL	St. Pierre & Miquelon
W SAMOA	Samoa, Western
S ARAB	Saudi Arabia
SENEGAL	Senegal
SEYCHEL	Seychelles
SIER LN	Sierra Leone
SINGAPR	Singapore
SOMALIA	Somalia
REP SAF	South Africa, Republic of
SO P IS	Southern Pacific Islands
SPAIN	Spain
O SP AF	Spanish Africa, NEC
SRI LKA	Sri Lanka
SUDAN	Sudan
SURINAM	Surinam
SWAZILND	Swaziland
SWEDEN	Sweden
SWITZLND	Switzerland
SYRIA	Syria
TAIWAN	Taiwan
TNZANIA	Tanzania
THAILND	Thailand
TOGO	Togo
TRINID	Trinidad Island
TUNISIA	Tunisia
TURKEY	Turkey
TURK IS	Turks Islands
UGANDA	Uganda
USSR	Union of Soviet Socialist Republics
ARAB EM	United Arab Emirates
U KING	United Kingdom of Great Britain
U VOLTA	Upper Volta
URUGUAY	Uruguay
VENEZ	Venezuela
VIETNAM	Vietnam
W GERM	West Germany
W SAMOA	Western Samoa
YEMEN A	Yemen (Aden)
YEMEN S	Yemen (Sanaa)
YUGOSLV	Yugoslavia
ZAIRE	Zaire
ZAMBIA	Zambia
ZMBABWE	Zimbabwe

LIST OF ABBREVIATIONS -- COMMODITIES

AVG	Average
BEV	Beverages
BU	Bushels
CND	Canned
CON	Concentrated, Concentrates
COND	Condensed
CRCSS	Carcass
CRD	Carded
CWT	Hundredweight, (100 pounds)
DON	Donated
DOZ	Dozen
DRD	Dried
DRM	Durum
EVAP	Evaporated
FLR	Flour
FR	Fresh
FRZ FZ	Frozen
GAL	Gallon
HD	Head
INC	Including
LB	Pound
LTS	Liters
MD	Medium
N/ NT	Net
NEC Nec	Not Elsewhere Classified
NO	Number
NOT CON	Not Concentrated
NSPF n.s.p.f.	Not Specifically Provided For
OTH	Other
OV	Over
OZ	Ounces
PC	Pieces
PRBL	Parboiled
PREP	Preparations, Prepared
PRES	Preserved
RBA	Running Bale 480 Lbs. Net Weight
RELF	Relief
RSTD	Roasted
SC	Sauce
SHLLD	Shelled
S/SG S/S GAL	Single-Strength Gallon
S/TON STN	Short Ton (2,000 pounds)
VEG	Vegetable
W/	With
WG W. GAL.	Wine Gallon
W/O	Without
EXC EX X	Except/Excluding

TABLE 6. AGRICULTURAL EXPORTS. U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1848005	ALFALFA HAY CUBES		--STN	
JAPAN	562	67,611	390	48,821
CANADA	15	1,625	0	0
TAIWAN	8	757	1	147
SO KOR	6	545	0	20
N ANTIL	0	26	0	0
MEXICO	0	25	0	21
LW WW I	0	10	0	0
TRINID	0	9	0	0
PANAMA	0	8	0	0
HG KONG	0	5	0	0
OTHER	0	2	0	0
TOTAL	592	$70,624	392	$49,009
1848015	ALFALFA MEAL, DEHYDRATED		--STN	
NETHLDS	15	1,175	0	0
PORTUGL	13	1,104	0	0
SPAIN	4	456	0	0
SO KOR	3	429	0	0
W GERM	3	367	0	0
JAPAN	3	363	0	14
VENEZ	1	165	0	0
TAIWAN	1	78	0	2
AUSTRAL	1	30	1	30
PANAMA	0	16	0	0
CANADA	0	15	0	0
MEXICO	0	7	0	3
OTHER	0	11	0	0
TOTAL	45	$4,215	1	$50
1848010	ALFALFA MEAL, SUN CURED		--STN	
JAPAN	5	287	0	0
MEXICO	2	108	0	8
TAIWAN	0	27	0	13
PANAMA	0	22	0	0
ITALY	0	17	0	0
FR P IS	0	8	0	8
TOTAL	8	$470	0	$30
1260120	ALFALFA SEED, UNCERTIFIED		--LB	
MEXICO	975	923	300	281
CANADA	629	696	0	0
REP SAF	332	592	332	592
ARGENT	330	330	327	327
ITALY	101	149	53	69
EGYPT	111	134	0	0
JAPAN	107	122	103	116
U KING	106	109	102	103
BOLIVIA	65	72	0	0
KUWAIT	67	69	67	69
AUSTRAL	40	55	40	55
S ARAB	46	51	42	47
PERU	32	33	15	13
NETHLDS	13	13	0	0
VENEZ	12	10	0	0
W GERM	6	9	1	2
TAIWAN	4	6	4	6
OTHER	3	5	0	0
TOTAL	2.981	$3,376	1,386	$1,680
1260140	ALFALFA SEED, CERTIFIED		--LB	
CANADA	3,514	4,830	0	0
MEXICO	3,287	3,739	321	375
ARGENT	2,569	3,171	1,534	2,004
REP SAF	1,693	2,216	1,693	2,216
S ARAB	1,166	1,370	1,012	1,152
ITALY	795	637	733	539
CHILE	297	508	200	382
JAPAN	203	285	142	166
PERU	139	171	91	111
SUDAN	110	163	110	163
AUSTRAL	121	160	121	160
ECUADOR	88	135	88	135
U KING	99	133	90	124
N ZEAL	79	68	79	68
MOROC	51	61	51	61
SWEDEN	49	58	11	11
DENMARK	52	50	51	48
NETHLDS	33	36	31	32
JORDAN	22	29	2	3
BRAZIL	22	23	22	23
EGYPT	11	16	0	0
SO KOR	7	10	0	0
PORTUGL	7	9	0	0
COLOMB	5	6	5	6
W GERM	3	5	0	0
OTHER	22	25	17	20
TOTAL	14,445	$17,914	6.403	$7,799
1301040	BARLEY, OTHER THAN MALTING		--BU	
S ARAB	108,027	202.409	55	502
ISRAEL	4,949	5,971	0	0
CYPRUS	3,120	4.997	0	0
ALGERIA	4,963	4.494	0	0
POLAND	2,862	4.078	0	0
TURKEY	1,558	1.380	0	0
IRAQ	1,036	1.127	0	0
JORDAN	976	983	0	0
MEXICO	28	88	6	23
CANADA	12	35	0	0
TAIWAN	5	16	5	16
U KING	3	13	0	0
OTHER	2	7	0	0
TOTAL	127,541	$225,598	67	$541
1301020	BARLEY FOR MALTING		--BU	
NIGERIA	2.429	9.194	0	0
DOM REP	40	177	0	0
PANAMA	20	59	0	0
SALVADR	1	15	0	0
OTHER	2	5	0	0
TOTAL	2.490	$9.451	0	$0
1842000	BEET PULP, DRIED		--STN	
JAPAN	398	44.431	36	3.701
NETHLDS	240	25.163	0	0
IRELAND	72	8,048	0	0
ITALY	26	3,318	0	0
W GERM	18	1.749	0	0
FINLAND	16	1.477	0	0
U KING	6	728	0	0
TAIWAN	2	235	0	0
SPAIN	1	161	0	0
SO KOR	1	148	0	34
CANADA	0	43	0	0
FRANCE	0	9	0	0
OTHER	0	6	0	3
TOTAL	781	$85.516	36	$3,738
3001060	COTTON NT CRD 1 TO 1-1/8 IN		--RBA	
JAPAN	1,161	365,635	964	306,689
SO KOR	1,042	282,756	945	257,140
W GERM	225	70,843	51	18,710
INDNSIA	226	67,468	179	54,032
TAIWAN	295	66,289	228	50,334
ITALY	213	64,806	89	28,531
THAILND	178	44,566	153	37,980
PHIL R	137	34,350	124	30,773
CANADA	81	28,160	0	0
BELGIUM	85	26,620	12	3,923
FRANCE	96	23,253	7	2,013
TURKEY	64	21,894	2	953
EGYPT	58	20,638	58	20,638
HG KONG	62	18,089	35	10,141
IRELAND	54	17,248	12	4,635
PORTUGL	71	16,680	5	1,661
SPAIN	57	15.103	9	2,677

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987			
	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
BNGLDSH	41	14,975	4	1,268
MEXICO	48	14,817	0	61
U KING	45	14,147	8	2,465
ARGENT	40	13,748	0	37
GREECE	28	8,387	26	7,708
POLAND	22	8,152	0	0
MALAYSA	30	7,850	23	5,619
SWITZLD	22	7,820	15	5,905
BRAZIL	21	6,819	4	1,356
MOROC	20	6,578	1	352
GHANA	17	6,348	0	0
SWEDEN	20	5,299	4	1,217
ALGERIA	13	4,969	0	0
ZAIRE	14	4,951	0	0
IRAQ	11	4,604	0	0
SALVADR	16	4,563	10	2,780
PERU	9	4,022	9	4,022
ISRAEL	10	3,924	5	1,828
NIGERIA	9	3,264	0	0
ECUADOR	8	2,977	0	0
FINLAND	13	2,462	3	692
NORWAY	10	2,439	0	0
REP SAF	7	2,168	0	183
SINGAPR	6	1,946	5	1,755
C RICA	6	1,757	1	353
DENMARK	6	1,727	0	119
E GERM	5	1,528	0	0
NETHLDS	4	1,245	2	775
SOMALIA	3	989	0	0
PAKISTN	1	688	1	688
CHILE	1	346	0	0
AUSTRAL	1	310	1	310
CHINA M	1	248	0	0
YUGOSLV	1	244	1	244
GUATMAL	1	188	1	188
URUGUAY	1	177	0	0
AUSTRIA	1	175	0	0
SRI LKA	1	172	0	0
TUNISIA	0	96	0	96
MAURIT	0	87	0	0
PANAMA	0	63	0	63
JAMAICA	0	32	0	0
JORDAN	0	10	0	0
TOTAL	4,616	$1,351,711	2,998	$870,914
3001550	COTTON OTH. 1-1/8 IN OR MORE--RBA			
SO KOR	74	22,878	71	22,280
JAPAN	53	19,048	51	17,390
W GERM	45	16,157	18	6,347
ITALY	51	15,368	45	13,329
MEXICO	36	10,890	1	527
VENEZ	11	4,980	11	4,980
CANADA	14	4,769	0	0
GREECE	15	4,679	4	874
INDNSIA	9	3,393	8	3,180
EGYPT	7	2,596	7	2,596
TAIWAN	11	2,529	9	2,304
U KING	7	2,487	4	1,292
YUGOSLV	4	2,138	3	1,700
SWITZLD	5	2,101	1	509
SPAIN	7	2,073	5	1,433
ECUADOR	5	1,796	0	0
TURKEY	4	1,709	4	1,709
BELGIUM	5	1,637	4	1,363
BNGLDSH	5	1,546	3	1,150
PAKISTN	2	1,205	2	1,205
ISRAEL	3	1,112	1	239
FRANCE	2	602	2	528
MOROC	2	567	0	0
TUNISIA	2	565	2	565
C RICA	1	519	1	307
SINGAPR	2	518	2	518
THAILND	1	409	1	409
NETHLDS	1	371	0	98
PORTUGL	1	287	1	244
PHIL R	1	245	1	245
GUATMAL	1	184	0	0
SALVADR	1	151	0	0
MALAYSA	0	104	0	104
REP SAF	0	33	0	33
FINLAND	0	29	0	29
DENMARK	0	27	0	27
TOTAL	385	$128,705	262	$87,514
3003011	COTTON FELTING LINTER 1 TO 7--LB			
CANADA	2,063	323	0	0
JAPAN	733	88	698	82
TAIWAN	205	53	205	53
HONDURA	95	15	0	0
OTHER	34	6	0	0
TOTAL	3,130	$485	903	$136
3003021	COTTON LINTERS, OTHER		--LB	
JAPAN	16,973	3,388	16,973	3,388
W GERM	13,182	2,215	1,349	276
E GERM	8,236	1,705	5,440	1,187
BELGIUM	7,516	1,030	0	0
CANADA	3,723	627	0	0
MEXICO	2,982	580	133	7
U KING	1,164	262	738	169
TAIWAN	381	147	341	129
ISRAEL	260	127	0	0
NORWAY	7	62	0	0
PANAMA	305	59	0	0
BRAZIL	24	57	0	0
GUATMAL	25	19	0	0
ITALY	38	18	38	18
ARGENT	20	11	20	11
HONDURA	7	8	0	0
TOTAL	54,844	$10,315	25,033	$5,186
1751500	COTTONSEED		--LB	
MEXICO	31,718	3,521	4,597	460
JAPAN	16,075	1,736	16,075	1,736
CANADA	3,296	736	0	0
SPAIN	1,075	520	0	0
TURKEY	441	281	0	0
S ARAB	1,565	239	0	0
COLOMB	342	218	0	0
PORTUGL	434	162	0	0
DOM REP	110	92	0	0
GUATMAL	116	67	0	0
BOLIVIA	75	50	0	0
IRAQ	94	33	0	0
TAIWAN	87	30	87	30
ARGENT	45	24	0	0
NIGERIA	38	22	0	0
ITALY	36	17	0	0
HONDURA	100	14	0	0
VENEZ	58	9	0	0
OTHER	9	3	0	0
TOTAL	55,713	$7,772	20,758	$2,226
1761820	COTTONSEED OIL, CRUDE		--LB	
SWEDEN	5,019	1,111	0	0
MEXICO	4,321	964	0	0
NETHLDS	3,597	811	0	0
JAPAN	3,156	682	3,156	682
VENEZ	2,191	465	0	0
CANADA	2,324	338	0	0
SO KOR	444	100	444	100
TRINID	81	12	0	0
TOTAL	21,133	$4,482	3,600	$782
1761840	COTTONSEED OIL, ONCE-REFINED--LB			
VENEZ	102,087	20,241	0	0
SALVADR	34,479	6,475	8,260	1,326
JAPAN	24,465	6,275	24,465	6,275
DOM REP	11,104	2,515	0	0
SO KOR	5,673	1,214	5,673	1,214
GUATMAL	5,272	1,116	0	0
EGYPT	3,469	756	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
NETHLDS	2,804	631	0	0
JAMAICA	1,633	389	0	0
MEXICO	1,212	241	0	0
SINGAPR	1,102	220	0	0
CANADA	1,044	196	0	0
TRINID	32	10	0	0
PERU	53	8	0	0
OTHER	26	6	24	4
TOTAL	194,455	$40,294	38,421	$8,819

1761880 COTTONSEED SALAD OIL NT/RELF--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SO KOR	9,766	2,432	9,766	2,432
JAPAN	7,077	1,475	4,831	1,000
CANADA	3,425	882	0	0
MEXICO	1,278	273	50	13
EGYPT	749	164	0	0
INDNSIA	119	33	119	33
CHINA M	33	11	33	11
THAILND	56	11	0	0
DENMARK	29	8	0	0
OTHER	15	5	11	3
TOTAL	22,547	$5,294	14,810	$3,493

1845240 COTTONSEED OIL CAKE AND MEAL--STN

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
NETHLDS	13	1,371	0	0
MEXICO	3	359	1	169
C RICA	1	237	0	0
CANADA	1	134	0	0
INDIA	0	36	0	0
OTHER	0	5	0	0
TOTAL	18	$2,141	1	$169

1783540 COTTONSEED OIL, HYDROGENATED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SO KOR	1,374	501	1,374	501
TRINID	683	379	0	0
W GERM	290	145	0	0
CANADA	147	45	0	0
FRANCE	146	44	0	0
AUSTRAL	133	40	0	0
NETHLDS	45	35	0	0
SWITZLD	21	27	0	0
PERU	52	16	0	0
HG KONG	29	14	29	14
C RICA	11	8	0	0
MEXICO	27	8	27	8
REP SAF	21	6	0	0
BAHAMAS	20	6	0	0
OTHER	5	2	0	0
TOTAL	3,005	$1,277	1,430	$523

1769180 JOJOBA OIL, UNMIXED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
W GERM	101	449	89	359
SWITZLD	60	443	58	413
JAPAN	49	393	49	393
NETHLDS	26	135	23	103
FRANCE	14	82	11	61
CANADA	5	66	0	0
BRAZIL	10	65	6	44
U KING	6	39	2	9
BELGIUM	3	32	2	21
SO KOR	3	21	3	21
ARGENT	2	16	2	16
ITALY	1	13	1	13
AUSTRAL	2	12	2	12
OTHER	1	9	1	4
TOTAL	283	$1,775	249	$1,470

1769150 SAFFLOWER SEED OIL, UNMIXED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
NETHLDS	11,187	4,909	11,187	4,909
JAPAN	11,771	4,798	10,053	3,713
W GERM	2,063	782	949	342
SWITZLD	1,103	436	1,103	436

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
CANADA	415	294	0	0
PHIL R	260	163	260	163
AUSTRAL	164	99	164	99
REP SAF	164	98	164	98
VENEZ	113	79	0	0
ARGENT	91	56	91	56
N ZEAL	71	47	71	47
INDNSIA	56	38	56	38
BARBADO	25	14	0	0
OTHER	4	3	4	3
TOTAL	27,489	$11,814	24,104	$9,903

1400520 LIMA BEANS, BABY --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	30,648	6,609	30,404	6,557
NETHLDS	2,617	575	2,461	539
U KING	663	224	663	224
AUSTRAL	492	103	492	103
TAIWAN	274	36	274	36
CANADA	85	30	0	0
REP SAF	117	29	117	29
FRANCE	78	20	78	20
MAURIT	78	19	78	19
HG KONG	54	15	39	10
THAILND	78	11	0	0
PANAMA	42	10	42	10
ITALY	39	10	39	10
N ZEAL	39	10	39	10
TRINID	20	8	0	0
OTHER	45	12	19	4
TOTAL	35,369	$7,722	34,746	$7,572

1400540 LIMA BEANS, OTHER THAN BABY --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
U KING	6,767	2,418	6,650	2,378
MAURIT	1,289	336	1,289	336
JAPAN	1,518	290	1,518	290
ANGOLA	705	209	0	0
GREECE	620	149	0	0
F IND O	473	140	473	140
FRANCE	429	135	429	135
AUSTRAL	432	135	432	135
JAMAICA	403	98	315	71
NETHLDS	467	93	467	93
CANADA	258	86	0	0
PORTUGL	78	22	78	22
PANAMA	86	21	0	0
ARAB EM	55	17	55	17
N ANTIL	29	13	0	0
W GERM	44	11	0	0
MALTA	39	11	0	0
OTHER	8	5	6	2
TOTAL	13,698	$4,189	11,711	$3,617

1401500 WHT BNS, NSPF, X SEEDS, DRD, ETC--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
VENEZ	1,110	368	44	12
MALAYSA	1,185	282	139	10
PHIL R	975	260	975	260
W GERM	1,120	177	188	29
AUSTRAL	592	135	468	110
FR P IS	426	123	426	123
BELGIUM	423	81	0	0
TAIWAN	552	72	0	0
JAPAN	343	70	31	31
CANADA	266	59	0	0
REP SAF	320	24	0	0
NETHLDS	88	14	0	0
FRANCE	43	10	0	0
PORTUGL	40	8	0	0
TRINID	45	8	0	0
ARAB EM	27	6	27	6
OTHER	27	8	27	8
TOTAL	7,582	$1,704	2,324	$589

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC--LB			
U KING	20,112	6,389	2,771	834
PANAMA	4,296	1,284	2,251	663
F W IND	1,991	882	0	0
W GERM	2,758	854	1,101	345
FRANCE	2,651	695	1,245	362
TRINID	1,963	601	0	0
CANADA	1,712	497	0	0
AUSTRAL	1,566	383	360	99
SWITZLD	1,018	285	507	171
NETHLDS	957	246	235	73
ITALY	1,548	220	28	6
MEXICO	878	205	0	0
VENEZ	798	187	0	0
PORTUGL	593	159	389	104
TAIWAN	1,323	120	860	71
N ANTIL	284	115	0	0
BELGIUM	565	114	0	0
JAPAN	1,227	102	85	18
ARAB EM	306	77	258	62
F GUIAN	273	71	0	0
N ZEAL	253	59	54	15
SINGAPR	104	54	104	54
S ARAB	186	53	10	4
SWEDEN	154	46	154	46
HAITI	381	44	0	0
REP SAF	481	39	0	0
BELIZE	80	36	0	0
LW WW I	67	32	0	0
COLOMB	71	31	0	0
HG KONG	70	22	70	22
CAYMAN	41	19	0	0
KUWAIT	84	17	78	14
SO KOR	55	16	55	16
IRELAND	39	16	39	16
GUYANA	39	14	0	0
DOM REP	52	12	0	0
JAMAICA	45	11	45	11
SPAIN	80	11	0	0
LIBERIA	36	10	0	0
C RICA	21	9	21	9
AUSTRIA	34	9	0	0
OTHER	22	9	19	7
TOTAL	49,212	$14,054	10,740	$3,024
1402920	BLACKEYE COW PEAS X SEED, DRY--LB			
PORTUGL	7,554	2,115	7,359	2,000
IRAG	1,748	838	1,748	838
U KING	2,045	649	2,045	649
GREECE	2,506	583	2,291	527
TRINID	1,502	486	0	0
ARAB EM	1,753	473	1,753	473
SPAIN	1,525	380	1,525	380
HG KONG	1,126	357	1,126	357
ITALY	964	241	872	206
SINGAPR	858	237	858	237
CYPRUS	919	228	136	32
KUWAIT	605	205	546	180
FRANCE	823	201	823	201
S ARAB	581	184	581	184
INDIA	858	172	663	151
BELGIUM	624	166	585	155
ISRAEL	548	138	426	111
C RICA	347	94	0	0
CANADA	311	89	0	0
PANAMA	262	83	110	32
TAIWAN	367	80	367	80
NETHLDS	317	76	312	74
VENEZ	220	66	0	0
AUSTRAL	129	41	91	32
BARBADO	179	41	0	0
BAHRAIN	141	41	141	41
JORDAN	135	38	135	38
N ANTIL	81	38	0	0
GHANA	65	32	0	0
LIBERIA	98	31	0	0
SWEDEN	78	19	78	19
MALAYSA	78	18	78	18
PAKISTN	78	17	78	17
SWAZLND	40	12	40	12
W GERM	39	9	39	9
SWITZLD	39	8	39	8
BELIZE	15	7	0	0
OTHER	16	6	13	3
TOTAL	29,575	$8,502	24,858	$7,068
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC --LB			
ITALY	9,067	2,527	78	18
VENEZ	9.587	2.347	131	29
MOZAMBQ	10,741	2.302	0	0
FRANCE	10,374	1,800	78	30
REP SAF	5.897	1,009	279	31
CANADA	2.690	771	0	0
JAPAN	5,300	639	809	136
NETHLDS	7,142	493	39	7
O W AF	2,195	464	0	0
U KING	1,801	381	453	164
AUSTRAL	1,272	227	736	113
W GERM	959	218	249	107
PHIL R	587	198	364	141
PANAMA	674	153	206	53
TAIWAN	1,329	127	273	28
BELGIUM	672	118	0	0
GUATMAL	533	111	0	0
PORTUGL	363	111	77	17
N ZEAL	409	110	183	57
LW WW I	297	103	0	0
HG KONG	261	91	206	84
F W IND	193	84	0	0
BELIZE	158	81	0	0
ARAB EM	292	79	249	70
MEXICO	368	78	49	5
HAITI	321	77	0	0
ISRAEL	196	60	0	0
PERU	390	59	0	0
SPAIN	238	59	39	12
FR P IS	160	57	160	57
N ANTIL	177	46	0	0
SO KOR	132	42	0	0
KUWAIT	99	42	18	10
BAHRAIN	133	42	133	42
SINGAPR	97	41	97	41
TRINID	133	40	0	0
SWITZLD	109	35	0	0
NORWAY	119	31	0	0
DOM REP	144	31	0	0
S ARAB	117	30	117	30
LEBANON	77	25	0	0
ANGOLA	99	20	0	0
JAMAICA	20	17	0	0
BAHAMAS	42	16	0	0
MALAYSA	45	12	0	0
DENMARK	81	11	0	0
CHILE	39	11	0	0
GREECE	23	11	23	11
OPAC IS	7	10	7	10
OMAN	39	10	39	10
BERMUDA	8	8	0	0
C RICA	10	7	0	0
SWEDEN	40	6	0	0
THAILND	12	5	12	5
OTHER	51	9	5	4
TOTAL	76,316	$15,491	5,109	$1,370
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC --LB			
INDIA	3.405	542	0	0
LW WW I	672	251	0	0
F GUIAN	339	157	0	0
W GERM	835	142	835	142
CANADA	583	131	0	0
VENEZ	343	82	0	0
MEXICO	297	81	197	61
TRINID	249	78	0	0
TAIWAN	501	62	91	29
PHIL R	225	60	225	60
DOM REP	194	55	0	0
S ARAB	195	49	195	49
AUSTRAL	107	35	107	35
N ZEAL	120	32	120	32
PANAMA	78	31	10	3
BARBADO	87	30	0	0
CHILE	236	26	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
U KING	136	15	0	0
NETHLDS	76	14	0	0
JORDAN	38	14	38	14
PERU	78	12	0	0
C RICA	16	8	16	8
BELGIUM	39	7	39	7
N ANTIL	19	6	0	0
ITALY	43	6	0	0
OTHER	17	8	5	2
TOTAL	8,929	$1,932	1,878	$442
1263120	LADINO CLOVER SEED --LB			
ITALY	520	874	520	874
JAPAN	347	576	345	573
CANADA	340	369	0	0
SWITZLD	145	272	102	191
FRANCE	151	248	151	248
SPAIN	83	140	83	140
SO KOR	13	25	0	0
ECUADOR	20	23	0	0
PORTUGL	7	13	0	0
REP SAF	11	8	0	0
OTHER	7	7	0	0
TOTAL	1,643	$2,555	1,201	$2,026
1305000	RICE, PADDY OR ROUGH --LB			
SPAIN	126,182	6,299	46,288	2,438
ITALY	14,576	760	14,576	760
CANADA	815	96	0	0
MEXICO	683	91	0	0
W GERM	397	37	325	30
HG KONG	355	33	355	33
JAPAN	148	14	0	0
U KING	118	11	94	9
NETHLDS	117	11	0	0
FRANCE	61	6	0	0
SWEDEN	58	5	0	0
SWITZLD	57	5	57	5
OTHER	49	9	0	0
TOTAL	143,615	$7,375	61,694	$3,274
1305540	RICE, HUSKED, BROWN, MED GRAIN--LB			
ITALY	61,413	4,089	61,413	4,089
CANADA	31,224	3,232	0	0
U KING	461	121	461	121
ARAB EM	630	98	630	98
LW WW I	247	65	0	0
MEXICO	429	45	0	0
FRANCE	261	40	261	40
HAITI	302	34	0	0
N ANTIL	49	20	0	0
HONDURA	87	17	0	0
F W IND	40	12	0	0
COLOMB	96	12	0	0
VENEZ	33	12	0	0
SWITZLD	30	10	30	10
SPAIN	38	9	38	9
OTHER	49	7	10	3
TOTAL	95,389	$7,823	62,843	$4,370
1305560	RICE, HUSKED, BRWN, SHORT GRAIN--LB			
ISRAEL	699	104	567	84
CANADA	532	43	0	0
SWEDEN	78	29	78	29
MEXICO	135	27	0	0
AUSTRIA	78	12	78	12
NETHLDS	39	7	39	7
W GERM	17	6	17	6
OTHER	32	6	4	2
TOTAL	1,609	$234	782	$140
1305580	RICE, HUSKED, BRWN, MIXED GRAIN--LB			
	448	68	235	46
	361	50	361	50
TOGO	383	31	0	0
CANADA	318	26	0	0
SWEDEN	95	25	37	17
GUATMAL	125	24	0	0
NETHLDS	244	23	240	19
ITALY	19	20	19	20
N ZEAL	47	17	47	17
MEXICO	135	11	0	0
AUSTRAL	11	7	0	0
U KING	4	7	4	7
OTHER	79	4	20	2
TOTAL	2,269	$313	963	$177
1313040	HD RICE, MD GRN, X PRBL, NT DON--LB			
BNGLDSH	245,731	24,587	245,731	24,587
TURKEY	123,962	10,087	123,962	10,087
SIER LN	74,155	5,920	74,155	5,920
SYRIA	58,859	4,281	58,859	4,281
NEW GUI	18,879	2,542	18,879	2,542
CANADA	11,906	2,085	0	0
HAITI	15,877	1,664	0	0
MOROC	22,125	1,383	22,125	1,383
REP SAF	9,894	1,230	117	16
BAHAMAS	3,300	975	0	0
	7,635	943	7,635	943
NORWAY	3,046	821	2,961	804
KUWAIT	4,488	546	4,488	546
CHILE	7,614	541	7,614	541
NETHLDS	5,476	535	5,136	480
HG KONG	3,858	507	3,858	507
	3,517	506	1,321	220
THAILND	5,291	503	5,291	503
SINGAPR	3,267	401	3,267	401
W GERM	2,820	386	2,352	313
SWEDEN	2,359	357	2,242	333
ARAB EM	1,397	216	1,317	198
SOMALIA	2,000	166	0	0
U KING	537	102	39	7
BELGIUM	631	101	511	84
CAYMAN	331	97	0	0
GUATMAL	498	90	320	54
TURK IS	412	81	116	17
JAPAN	307	79	307	79
PANAMA	227	46	85	27
MEXICO	242	44	158	27
S ARAB	374	42	374	42
SO KOR	150	30	150	30
SPAIN	133	27	0	0
LW WW I	76	21	0	0
FINLAND	154	21	154	21
N ZEAL	114	17	114	17
TAIWAN	51	15	39	10
N ANTIL	172	15	0	0
AUSTRAL	74	15	20	4
FRANCE	77	14	39	7
MALAGAS	161	13	0	0
QATAR	87	12	87	12
SWITZLD	39	9	39	9
JAMAICA	44	7	0	0
	55	6	55	6
COLOMB	44	6	0	0
ECUADOR	15	5	0	0
GHANA	38	5	38	5
OTHER	100	12	41	4
TOTAL	642,602	$62,111	593,995	$55,066
1313050	HD RICE, SH GRN, X PRBL, NT DON--LB			
SPAIN	14,174	683	0	0
CANADA	2,861	524	0	0
TAIWAN	672	131	672	131
U KING	719	131	490	86
NETHLDS	663	128	625	117
SWEDEN	873	117	873	117
REP SAF	112	71	112	71
KUWAIT	558	56	558	56

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
FRANCE	310	48	271	44
SINGAPR	243	39	243	39
BELGIUM	163	31	163	31
ARAB EM	164	22	164	22
NORWAY	251	21	251	21
W GERM	101	19	101	19
CAYMAN	40	11	0	0
SO KOR	44	8	44	8
PHIL R	54	8	54	8
OTHER	85	7	42	3
TOTAL	22,085	$2,057	4,661	$776
1313060	HD RICE, MX GRN, X PRBL, NT DON--LB			
HAITI	45,789	5,552	0	0
MALAGAS	26,455	1,814	0	0
NETHLDS	27,558	1,004	0	0
CANADA	3,179	479	0	0
BELGIUM	5,782	222	0	0
JAPAN	947	77	947	77
	579	72	579	72
LW WW I	560	67	0	0
SINGAPR	201	50	201	50
	368	43	154	19
TURK IS	160	20	0	0
MEXICO	106	19	55	11
NORWAY	45	9	45	9
ARAB EM	43	8	0	0
LIBERIA	36	8	0	0
BAHAMAS	42	7	0	0
SO KOR	42	7	42	7
PANAMA	63	6	0	0
W GERM	38	6	38	6
OTHER	57	7	42	5
TOTAL	112,051	$9,478	2,103	$256
1313070	BROKEN RICE, NOT DONATED --LB			
SENEGAL	75,993	4,922	0	0
U KING	20,826	1,070	0	0
GAMBIA	19,452	1,017	0	0
CANADA	5,654	498	0	0
CHILE	8,387	457	0	0
BELGIUM	5,474	239	0	0
SWEDEN	3,005	131	0	0
N ANTIL	721	105	0	0
SALVADR	1,102	100	0	0
SWITZLD	1,729	79	0	0
NETHLDS	848	38	0	0
TAIWAN	129	23	129	23
ARAB EM	90	15	0	0
	74	10	74	10
HAITI	80	10	0	0
REP SAF	120	7	0	0
COLOMB	48	6	0	0
OTHER	66	7	24	4
TOTAL	143,797	$8,731	226	$37
1313080	RICE, MILLED, NSPF, NT DONATED --LB			
SO KOR	848	24	0	0
CANADA	60	9	0	0
OTHER	8	2	8	2
TOTAL	916	$34	8	$2
1756020	SAFFLOWER SEED --LB			
JAPAN	47,898	6,141	46,087	5,980
CANADA	11,831	875	0	0
BELGIUM	1,016	326	0	0
NETHLDS	6,576	258	0	0
TAIWAN	507	84	0	0
MEXICO	883	79	0	0
AUSTRIA	133	24	0	0
PHIL R	38	7	0	0
FR P IS	71	6	71	6
OTHER	97	10	0	0
TOTAL	69,050	$7,809	46,158	$5,985
1313010	RICE, DONATED FOR RELIEF --LB			
MOZAMBQ	44,057	3,304	0	0
LEBANON	27,130	2,100	0	0
GAMBIA	23,043	1,771	0	0
ZAIRE	22,747	1,706	0	0
CHILE	14,808	1,250	0	0
SALVADR	15,292	1,196	0	0
O W AF	13,008	1,028	0	0
GUINEA	4,976	823	0	0
MALAGAS	10,038	786	0	0
PERU	6,963	649	0	0
INDNSIA	7,900	632	0	0
GUATMAL	1,258	374	0	0
ISRAEL	1,760	209	0	0
HONDURA	2,404	189	0	0
POLAND	1,566	117	0	0
GHANA	543	84	0	0
BOLIVIA	9	69	0	0
SEYCHEL	820	62	0	0
ECUADOR	743	62	0	0
SWEDEN	400	49	0	0
SO KOR	224	29	224	29
CANADA	189	26	0	0
HAITI	122	17	0	0
GAZA ST	110	8	0	0
IVY CST	37	8	0	0
DOM REP	34	7	0	0
TOTAL	200,230	$16,555	224	$29
1941040	RICE BY-PRODUCTS, ANIMAL FEED--STN			
NETHLDS	18	1,227	0	0
HAITI	9	654	0	0
JAPAN	6	533	6	533
CANADA	3	173	0	0
MEXICO	3	151	2	127
TAIWAN	2	127	2	127
SO KOR	1	94	1	94
W GERM	0	29	0	0
DJIBUTI	0	22	0	0
N ANTIL	0	14	0	0
BELGIUM	0	13	0	0
COLOMB	0	12	0	0
HONDURA	0	8	0	0
BERMUDA	0	8	0	0
OTHER	0	5	0	2
TOTAL	41	$3,070	11	$884
1306520	WHEAT, UNMILLED, DONATED --BU			
PHIL R	3,075	9,236	0	0
BNGLDSH	2,623	7,768	0	0
ETHIOP	2,043	7,092	0	0
ECUADOR	1,774	5,814	0	0
PAKISTN	1,689	5,027	0	0
DOM REP	1,110	3,670	0	0
MOROC	1,186	3,427	0	0
HONDURA	1,067	3,251	0	0
MOZAMBQ	984	3,153	0	0
TUNISIA	687	2,079	0	0
PERU	538	1,668	0	0
GUATMAL	364	1,239	0	0
JAMAICA	270	802	0	0
SOMALIA	220	795	0	0
MAURITN	244	751	0	0
INDNSIA	243	584	0	0
CHILE	191	566	0	0
GUYANA	156	534	0	0
TOGO	108	402	0	0
SWAZLND	99	315	0	0
TRINID	106	306	0	0
GHANA	86	292	0	0
BENIN	58	183	0	0
HAITI	51	154	0	0
IVY CST	73	132	0	0
MEXICO	12	11	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	.000 UNITS	$.000	.000 UNITS	$.000
TOTAL	19,059	$59,251	0	$0
1306540	WHEAT,UNMILLED,NOT DONATED --BU			
USSR	176,754	389,148	2,812	6,053
JAPAN	110,191	352,280	0	0
EGYPT	89,373	231,843	3	9
SO KOR	69,765	213,349	0	0
ALGERIA	70,461	175,848	0	0
MOROC	73,216	151,063	0	0
CHINA M	70,397	139,202	0	0
TAIWAN	30,648	103,578	0	0
PHIL R	28,897	95,130	0	0
IRAQ	31,466	79,921	2,122	6,093
VENEZ	19,690	76,047	0	0
BNGLDSH	28,279	74,665	2,984	6,665
POLAND	32,075	67,205	0	0
ISRAEL	19,768	61,031	0	0
ITALY	13,419	44,379	579	2,630
SUDAN	14,053	42,338	0	0
TUNISIA	11,171	36,059	0	0
ECUADOR	11,466	34,407	1,005	2,804
S ARAB	4,217	33,907	3,109	26,875
YUGOSLV	16,050	33,548	0	0
SRI LKA	11,966	32,403	2,580	5,865
COLOMB	9,880	29,357	0	0
DOM REP	8,122	26,617	0	0
PERU	8,486	25,771	0	0
INDNSIA	7,335	24,317	0	0
BELGIUM	7,281	23,530	0	0
JORDAN	10,551	21,876	0	0
BOLIVIA	6,648	19,984	914	2,611
GUATMAL	5,259	18,738	0	0
TURKEY	9,003	17,710	0	0
C RICA	4,841	16,520	0	0
JAMAICA	5,275	16,429	0	0
HG KONG	4,616	16,149	0	0
ZAIRE	6,334	16,000	0	0
PAKISTN	5,100	14,808	0	0
THAILND	3,996	13,936	0	0
SALVADR	4,251	13,850	0	0
HAITI	4,244	13,661	0	0
YEMEN S	4,678	13,603	4	15
MEXICO	4,127	13,272	187	1,013
PORTUGL	4,084	12,946	0	0
TRINID	3,738	12,433	0	0
PANAMA	2,783	11,734	0	0
HONDURA	3,118	9,807	0	0
BRAZIL	3,820	9,644	0	0
MALAYSA	2,176	8,003	3	10
KENYA	2,686	7,998	0	0
YEMEN A	2,742	6,903	0	0
GUYANA	1,700	5,235	0	0
CHILE	1,334	5,138	1,011	4,257
SINGAPR	1,482	5,128	0	0
LW WW I	1,278	4,839	0	0
SENEGAL	2,369	4,500	0	0
TOGO	1,740	3,586	0	0
NETHLDS	1,030	3,401	0	0
GREECE	1,145	3,274	0	0
SIER LN	990	3,053	681	2,127
GHANA	1,271	2,672	0	0
SURINAM	803	2,655	0	0
BARBADO	699	2,550	0	0
CYPRUS	762	2,536	0	0
ZMBABWE	784	2,453	0	0
FINLAND	647	2,009	0	0
MALAGAS	669	1,985	0	0
N ANTIL	450	1,779	0	0
MOZAMBQ	566	1,771	0	0
BENIN	753	1,434	0	0
MALTA	463	1,414	0	0
BELIZE	395	1,378	0	0
MALAWI	441	1,302	0	0
SWAZLND	371	1,181	0	0
UGANDA	371	1,164	0	0
LIBERIA	261	807	0	0
FRANCE	117	615	0	0
SWITZLD	108	473	0	0
CANADA	84	377	0	0
REP SAF	81	271	0	0
SO ASIA	62	197	0	0
F W IND	33	123	0	0
U KING	13	58	0	0
DENMARK	11	56	0	0
SWEDEN	10	54	0	0
W GERM	10	52	0	0
QATAR	6	26	0	0
NORWAY	4	18	0	0
ARAB EM	4	13	4	13
CAMROON	3	12	0	0
GABON	2	12	0	0
OMAN	3	12	0	0
BAHRAIN	3	12	0	0
SPAIN	1	9	0	0
NIGERIA	2	7	0	0
OTHER	1	3	1	3
TOTAL	1,102,029	$2,972,589	17,999	$67,044
1314030	WHEAT FLOUR,NSPF, DONATED --CWT			
BOLIVIA	492	3,573	0	0
TNZANIA	397	3,361	0	0
MOROC	333	2,800	0	0
PERU	241	2,071	0	0
SOMALIA	244	2,033	0	0
EGYPT	230	1,925	0	0
ISRAEL	96	810	0	0
PHIL R	78	759	42	457
ETHIOP	128	751	0	0
LESOTHO	1,716	331	0	0
MAURIT	32	292	0	0
HONDURA	569	212	0	0
SRI LKA	20	172	0	0
GUATMAL	16	132	0	0
GUINEA	11	92	0	0
RWANDA	10	80	0	0
MEXICO	10	61	0	0
REP SAF	7	57	0	0
BELGIUM	5	38	0	0
DOM REP	2	18	0	0
TOTAL	4,638	$19,569	42	$457
1314040	WHEAT FLOUR,NSPF NT DONATED --CWT			
EGYPT	15,474	109,642	0	0
IRAQ	2,873	17,685	0	0
SUDAN	1,911	15,992	0	0
YEMEN S	2,438	12,876	0	0
ALGERIA	518	3,125	0	0
ZAIRE	463	2,701	0	0
TNZANIA	293	1,982	0	0
ISRAEL	402	1,966	0	0
MEXICO	157	1,444	5	27
HAITI	57	714	0	0
BOLIVIA	51	420	0	0
ICELAND	21	337	0	0
	17	299	7	102
N ANTIL	22	295	0	0
	17	290	0	4
INDIA	33	202	0	0
LW WW I	12	181	0	0
BAHAMAS	13	176	0	0
TRINID	12	155	0	0
BARBADO	13	135	0	0
NETHLDS	15	123	0	0
COLOMB	8	121	0	0
VENEZ	3	102	0	0
CANADA	8	83	0	0
JORDAN	3	53	0	0
ARAB EM	2	45	0	0
LEBANON	2	44	0	0
RWANDA	5	43	0	0
DOM REP	2	34	0	0
	2	33	2	30
F W IND	2	31	0	0
C RICA	2	30	0	0
JAPAN	2	24	1	14
CAYMAN	1	23	0	0
W GERM	2	20	0	0
ETHIOP	4	19	0	0
QATAR	1	18	0	0
AUSTRAL	0	18	0	18
U KING	1	17	0	0
BAHRAIN	1	16	0	0
JAMAICA	2	16	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	U.S. NET QUANTITY	CALENDAR YEAR 1987 U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
N ZEAL	1	15	0	0
THAILND	1	15	1	15
TAIWAN	0	13	0	13
SO KOR	1	13	0	0
HG KONG	1	11	1	11
SINGAPR	1	10	0	0
S ARAB	0	6	0	0
BELIZE	0	5	0	0
OTHER	2	17	0	3
TOTAL	24,875	$171,633	18	$236

1314020 DRM FLR & SEMOLINA,NT DNATED--CWT

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
HAITI	265	3,075	0	0
MEXICO	287	1,838	8	89
EGYPT	207	1,487	0	0
YEMEN S	292	1,325	0	0
LEBANON	121	1,053	0	0
JORDAN	82	726	0	0
ALGERIA	110	610	0	0
JAPAN	30	383	30	383
N ANTIL	23	363	0	0
LW WW I	20	269	0	0
SYRIA	25	219	0	0
COLOMB	7	92	0	0
CANADA	6	60	0	0
BARBADO	3	47	0	0
GUATMAL	3	28	0	0
BELIZE	2	27	0	0
FRANCE	[illegible]	23	2	23
DOM REP	2	21	0	0
W GERM	1	17	0	0
ITALY	1	14	0	0
TRINID	1	11	0	0
SINGAPR	1	11	1	11
U KING	1	6	0	0
JAMAICA	0	5	0	0
BAHAMAS	0	5	0	0
OTHER	0	2	0	0
TOTAL	1,492	$11,71[illegible]	40	$506

1314050 BULGUR WHEAT, DONATED --CWT

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
INDIA	1,250	9,54[illegible]	111	908
ETHIOP	434	3,41[illegible]	0	0
BOLIVIA	356	2,914	0	0
HAITI	254	2,135	0	0
INDNSIA	257	1,842	65	407
PERU	167	1,272	0	0
PHIL R	166	1,263	76	636
GUATMAL	80	655	0	0
TOGO	52	417	0	0
SIER LN	47	354	0	0
LESOTHO	41	328	0	0
DOM REP	26	210	0	0
EGYPT	27	199	0	0
KENYA	16	134	0	0
HONDURA	15	115	0	0
REP SAF	14	101	0	0
TNZANIA	10	77	0	0
ISRAEL	9	65	0	0
COLOMB	2	18	0	0
CANADA	2	14	0	0
TOTAL	3,226	$25,071	252	$1,951

1314060 BULGUR WHEAT,NOT DONATED --CWT

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
ZAIRE	81	667	0	0
LIBERIA	22	242	0	0
ISRAEL	3	19	0	0
OTHER	1	4	0	0
TOTAL	106	$931	0	$0

1314090 WHEAT,MILLED,NSPF --CWT

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	59	93	0	0
MEXICO	15	58	0	0
HAITI	10	49	0	0
TURKEY	2	9	0	0
OTHER	3	15	0	0
TOTAL	90	$224	0	$0

1841020 WHEAT BY-PRODCTS,ANIMAL FEED--STN

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
HAITI	4	517	0	0
JAPAN	7	376	0	9
MEXICO	1	64	0	3
CAYMAN	0	18	0	0
OTHER	0	4	0	0
TOTAL	12	$979	0	$12

1451200 ALMONDS,NOT SHLLD OR ROASTED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
INDIA	4,112	3,124	4,090	3,106
CANADA	1,032	1,027	10	11
JAPAN	758	865	740	834
ISRAEL	663	707	513	503
FRANCE	509	479	420	414
MEXICO	579	432	80	51
S ARAB	324	375	126	127
GREECE	244	360	244	360
NETHLDS	295	318	169	216
JORDAN	274	281	274	281
ITALY	326	273	326	273
KUWAIT	253	264	253	264
SPAIN	131	178	131	178
VENEZ	83	120	43	65
U KING	170	119	134	79
TAIWAN	74	101	74	101
ARGENT	108	96	108	96
ARAB EM	77	91	77	91
BRAZIL	75	83	0	0
W GERM	107	81	44	33
SWITZLD	44	52	44	52
DOM REP	34	49	0	0
PORTUGL	34	49	34	49
SINGAPR	27	38	27	38
AUSTRIA	44	35	0	0
BERMUDA	26	29	0	0
BELGIUM	42	25	0	0
IRELAND	22	25	22	25
PARAGUA	13	17	0	0
THAILND	14	15	14	15
HG KONG	4	8	3	3
SO KOR	5	5	5	5
OTHER	8	10	5	4
TOTAL	10,516	$9,734	8,011	$7,277

1454300 ALMONDS,SHELLED,NOT BLANCHED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
W GERM	66,816	100,808	44,864	69,278
JAPAN	20,520	39,150	20,490	39,060
FRANCE	17,010	27,977	15,775	25,944
USSR	16,790	27,360	16,790	27,360
U KING	12,638	21,980	11,761	20,791
SWEDEN	8,005	14,148	7,649	13,522
NETHLDS	8,093	13,329	6,136	10,497
CANADA	6,778	9,093	0	0
ITALY	5,963	8,722	4,188	6,278
SWITZLD	4,414	8,408	4,370	8,324
NORWAY	4,977	7,438	4,977	7,438
DENMARK	3,344	5,541	3,311	5,464
BELGIUM	3,350	4,896	2,569	3,694
TAIWAN	2,128	4,366	2,127	4,359
SPAIN	2,658	3,856	2,537	3,672
GREECE	2,452	3,808	1,947	2,904
ARAB EM	1,934	3,653	1,934	3,653
ISRAEL	2,113	3,376	1,933	3,092
SO KOR	1,459	3,204	1,459	3,204
SINGAPR	1,439	2,837	1,439	2,837
S ARAB	1,289	2,437	1,254	2,385
AUSTRAL	1,262	2,376	1,262	2,376
FINLAND	847	1,978	808	1,915
REP SAF	792	1,848	792	1,848
JORDAN	880	1,335	880	1,335
AUSTRIA	748	1,243	708	1,177
HG KONG	498	943	498	943
MEXICO	750	937	75	47

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
N ZEAL	450	931	434	905
KUWAIT	857	877	857	877
ARGENT	582	869	549	821
INDIA	606	749	606	749
VENEZ	324	573	76	126
LEBANON	292	470	0	0
MALAYSA	147	356	147	356
TURKEY	245	344	0	0
NEPAL	208	325	208	325
SYRIA	183	299	0	0
EGYPT	102	164	102	164
BAHRAIN	90	151	88	146
INDNSIA	46	122	46	122
KENYA	66	110	0	0
QATAR	70	100	70	100
CYPRUS	34	94	34	94
CHILE	77	86	77	86
BNGLDSH	34	82	34	82
DOM REP	46	68	0	0
E GERM	43	64	43	64
URUGUAY	32	63	32	63
OMAN	34	52	34	52
OPAC IS	22	50	22	50
PORTUGL	34	46	34	46
C RICA	12	29	12	29
TRINID	12	29	0	0
MAURIT	8	21	3	5
PANAMA	8	17	8	17
BULGAR	6	17	6	17
GUATMAL	14	16	3	7
MALTA	10	15	10	15
LW WW I	11	12	11	12
PHIL R	5	12	5	12
BRAZIL	7	9	5	7
OTHER	22	20	15	5
TOTAL	204,684	$334,289	166,102	$278,751

1456100 ALMONDS, PREPARED, PRESERVED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	12,495	29,391	12,442	29,261
W GERM	15,337	27,165	9,714	16,960
FRANCE	7,359	15,175	6,849	14,213
U KING	5,206	12,376	5,199	12,362
NETHLDS	2,921	6,091	2,770	5,851
CANADA	2,748	5,984	31	83
SWITZLD	2,470	5,050	2,448	4,994
BELGIUM	1,212	2,369	869	1,727
SINGAPR	976	2,132	976	2,132
S ARAB	967	1,775	967	1,775
TAIWAN	958	1,753	888	1,649
ITALY	1,008	1,380	306	523
FINLAND	438	991	403	928
KUWAIT	547	890	547	890
GREECE	554	858	459	711
AUSTRIA	392	790	367	746
AUSTRAL	508	778	508	778
NORWAY	357	706	357	706
ARAB EM	419	663	407	662
SWEDEN	407	581	407	581
HG KONG	263	554	263	554
DENMARK	280	436	271	419
ISRAEL	223	418	214	402
SO KOR	171	389	168	380
JORDAN	210	307	210	307
BAHRAIN	147	234	142	225
N ZEAL	93	219	90	215
SPAIN	118	174	118	174
REP SAF	55	159	55	159
MALAYSA	81	153	81	153
BRAZIL	92	114	92	114
INDIA	75	112	48	53
CHILE	53	95	53	95
THAILND	28	68	28	68
PORTUGL	42	57	42	57
OMAN	35	54	35	54
LEBANON	31	51	0	0
MEXICO	29	48	15	33
IRELAND	33	47	33	47
PANAMA	16	36	15	34
INDNSIA	12	36	12	36
ARGENT	13	34	13	34
URUGUAY	21	34	21	34
DOM REP	20	32	0	0
VENEZ	13	21	0	0
FR P IS	5	19	5	19

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
ECUADOR	5	15	3	8
BARBADO	3	10	0	0
LIBERIA	3	8	0	0
LW WW I	16	7	0	0
GUATMAL	3	6	3	6
C RICA	2	6	0	0
OTHER	7	14	1	4
TOTAL	59,478	$120,865	48,946	$101,216

1461000 APPLES, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	91,654	21,264	0	0
TAIWAN	94,139	16,840	1,741	323
HG KONG	58,043	13,545	943	216
U KING	23,797	5,723	64	21
S ARAB	26,609	4,518	7	5
SINGAPR	17,343	3,988	6,360	1,417
SWEDEN	23,481	3,762	112	35
MALAYSA	12,059	3,080	2,554	612
NETHLDS	17,856	2,756	15	7
THAILND	7,089	2,407	38	7
ARAB EM	14,201	2,341	2,031	405
FINLAND	13,168	2,272	0	0
COLOMB	9,662	1,709	0	0
NORWAY	9,807	1,538	0	0
PANAMA	5,038	1,320	0	0
ICELAND	3,348	1,189	0	0
MEXICO	6,609	1,169	3,754	849
C RICA	4,185	1,074	243	57
N ZEAL	3,523	842	0	0
DOM REP	2,655	820	0	0
HONDURA	2,955	749	0	0
N ANTIL	1,905	553	0	0
IRELAND	1,879	456	0	0
FR P IS	1,105	361	798	230
W GERM	2,746	348	0	0
BRAZIL	1,103	251	0	0
TRINID	995	245	0	0
JAPAN	671	166	50	29
LW WW I	411	137	0	0
KUWAIT	472	118	88	17
BAHRAIN	644	117	0	0
BERMUDA	263	102	0	0
HAITI	302	87	0	0
SALVADR	201	63	0	0
BARBADO	139	61	0	0
BELIZE	190	53	16	8
BELGIUM	338	50	0	0
CAYMAN	119	49	0	0
F W IND	149	41	0	0
BAHAMAS	73	33	0	0
GUINEA	70	31	0	0
FRANCE	142	30	0	0
LIBERIA	29	15	0	0
SO P IS	42	10	0	0
SRI LKA	36	9	0	0
F GUIAN	29	7	0	0
DENMARK	34	6	34	6
JORDAN	34	6	34	6
BRUNEI	33	6	16	3
O W AF	10	6	0	0
OTHER	53	7	36	5
TOTAL	461,439	$96,333	18,932	$4,259

1502200 APRICOTS PEACHES PEARS DRIED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SWITZLD	346	1,044	346	1,044
JAPAN	307	874	307	874
NETHLDS	223	599	223	599
CANADA	421	516	0	0
W GERM	395	449	324	376
MEXICO	264	307	94	153
U KING	275	203	275	203
N ZEAL	147	195	147	195
BELGIUM	11	41	11	41
FRANCE	21	36	21	36
PANAMA	45	33	4	3
TURKEY	33	31	0	0
HG KONG	23	29	23	29
NORWAY	13	27	13	27
ISRAEL	9	20	9	20

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SPAIN	5	18	5	18
FINLAND	6	11	6	11
AUSTRAL	12	10	12	10
ICELAND	3	9	3	9
TAIWAN	5	7	5	7
OTHER	6	5	4	3
TOTAL	2,571	$4,464	1,834	$3,660
1511000	APRICOTS, PREP OR PRESERVED --LB			
HG KONG	205	159	95	75
JAPAN	154	73	152	91
CANADA	191	93	0	0
S ARAB	152	85	80	47
QATAR	78	44	8	4
NETHLDS	42	25	42	25
NORWAY	38	17	38	17
KUWAIT	27	17	27	17
TAIWAN	39	16	0	0
ARAB EM	22	14	22	14
SPAIN	34	13	0	0
N ZEAL	4	10	4	10
N ANTIL	14	6	0	0
LW WW I	12	5	0	0
OTHER	37	20	23	13
TOTAL	1,049	$616	491	$312
1463500	AVOCADOS, FRESH		--LB	
JAPAN	11,361	6,773	11,024	6,495
FRANCE	10,238	6,691	3,402	1,921
U KING	3,175	2,355	1,130	514
CANADA	2,236	1,188	199	90
NETHLDS	1,374	1,066	700	354
SWEDEN	917	406	579	265
BELGIUM	171	106	104	74
W GERM	79	40	23	9
MEXICO	93	21	84	20
SWITZLD	35	13	0	0
ITALY	25	10	8	3
HG KONG	4	8	4	8
DENMARK	17	6	17	6
TAIWAN	5	5	5	5
S ARAB	8	5	8	5
OTHER	11	9	7	6
TOTAL	29,750	$18,702	17,292	$9,773
1468520	CHERRIES, SWEET, FRESH		--LB	
JAPAN	24,597	31,139	9,383	13,525
CANADA	12,392	6,638	187	178
HG KONG	4,303	4,604	2,049	2,320
U KING	3,029	2,898	819	1,033
W GERM	1,607	810	25	30
TAIWAN	756	783	339	402
SWEDEN	425	495	71	93
FRANCE	180	223	155	194
THAILND	148	186	0	0
FINLAND	148	183	55	79
NETHLDS	237	165	86	89
SINGAPR	115	147	50	70
NORWAY	121	144	8	11
AUSTRAL	168	144	146	130
BELGIUM	113	59	2	2
SO KOR	49	57	0	0
MEXICO	73	31	8	4
PANAMA	16	21	0	0
SWITZLD	20	18	0	0
ARAB EM	13	17	13	17
N ANTIL	11	10	0	0
KUWAIT	6	9	6	9
N ZEAL	3	7	0	0
ITALY	5	6	3	4
OTHER	28	18	13	9
TOTAL	48,563	$48,811	13,418	$18,200

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1504500	DATES, DRIED		--LB	
FRANCE	4,889	4,193	4,889	4,193
CANADA	883	889	8	12
AUSTRAL	659	771	659	771
SINGAPR	272	367	272	367
ITALY	373	260	373	260
SPAIN	266	230	266	230
SWITZLD	161	212	158	206
U KING	232	187	121	139
NETHLDS	191	172	171	141
SWEDEN	70	85	70	85
MALAYSA	57	79	57	79
ARGENT	55	77	55	77
N ZEAL	54	73	54	73
W GERM	68	67	68	67
HG KONG	54	66	54	66
BRAZIL	44	64	42	60
BELGIUM	61	47	61	47
REP SAF	29	46	29	46
TRINID	14	22	0	0
PANAMA	11	19	11	19
JAPAN	17	18	17	18
DOM REP	7	15	0	0
N ANTIL	10	14	0	0
NORWAY	7	9	4	5
BOLIVIA	7	9	0	0
PHIL R	2	8	2	8
DENMARK	9	5	9	5
OTHER	13	17	12	14
TOTAL	8,517	$8,023	7,463	$6,988
1505200	FIGS, DRIED		--LB	
HG KONG	497	614	497	614
CANADA	275	138	62	25
SINGAPR	54	83	54	83
SWITZLD	85	75	82	73
IRELAND	35	30	0	0
JAPAN	46	23	46	23
FRANCE	24	15	24	15
N ZEAL	8	14	8	14
W GERM	14	14	14	14
DOM REP	32	13	0	0
TURKEY	16	8	0	0
BERMUDA	3	7	0	0
OTHER	49	17	25	10
TOTAL	1,138	$1,051	812	$871
1476500	GRAPES, FRESH		--LB	
CANADA	131,934	51,232	396	326
TAIWAN	24,939	11,417	24,904	11,409
HG KONG	20,222	11,014	20,176	10,998
U KING	11,338	7,705	5,940	4,458
JAPAN	10,954	6,691	10,555	6,510
SINGAPR	7,569	4,183	7,532	4,171
N ZEAL	6,194	3,510	6,194	3,510
PANAMA	3,151	1,814	0	0
SWEDEN	2,904	1,623	2,362	1,331
MALAYSA	2,761	1,189	2,761	1,189
GUATMAL	1,842	872	444	222
W GERM	1,027	863	517	462
HONDURA	1,422	645	0	0
NORWAY	1,074	562	862	423
MEXICO	2,290	545	283	73
C RICA	1,019	527	134	69
DOM REP	919	443	0	0
FINLAND	823	385	347	171
NETHLDS	572	343	164	117
S ARAB	604	310	201	108
ARAB EM	606	282	404	214
FR P IS	458	221	376	181
TRINID	440	220	0	0
SALVADR	340	188	0	0
BELGIUM	182	166	150	137
THAILND	270	157	270	157
BAHAMAS	302	156	0	0
SWITZLD	131	98	43	30
ICELAND	104	79	0	0
N ANTIL	132	76	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	U.S. NET QUANTITY	CALENDAR YEAR 1987 U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
LW WW I	139	75	0	0
BARBADO	146	70	0	0
DENMARK	107	63	107	63
OPAC IS	64	49	64	49
KUWAIT	61	46	61	46
FRANCE	33	34	24	26
BELIZE	57	31	7	4
F W IND	59	31	0	0
BRAZIL	58	24	0	0
SO KOR	62	22	62	22
SPAIN	30	19	30	19
ECUADOR	27	11	0	0
HAITI	9	9	0	0
OTHER	17	9	4	3
TOTAL	237,396	$108,008	85,376	$46,502

1506500 GRAPES (RAISINS), DRIED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	40,945	24,892	40,929	24,879
U KING	38,804	23,985	38,050	23,485
W GERM	18,833	13,887	16,901	11,280
CANADA	8,257	9,924	2	2
DENMARK	13,207	8,420	12,801	8,120
SWEDEN	9,696	6,990	9,565	6,923
NETHLDS	8,648	5,888	8,441	5,762
TAIWAN	7,206	4,698	7,203	4,693
FINLAND	5,337	3,963	5,301	3,945
SO KOR	5,933	3,856	5,933	3,856
NORWAY	4,531	3,665	4,519	3,655
BELGIUM	4,838	3,252	4,560	3,001
N ZEAL	2,086	1,914	2,086	1,914
MALAYSA	2,397	1,702	2,397	1,702
SINGAPR	1,953	1,490	1,953	1,490
HG KONG	1,102	1,126	1,102	1,126
ISRAEL	1,629	1,125	1,442	988
S ARAB	1,546	1,118	1,546	1,118
PANAMA	971	829	756	639
SWITZLD	1,182	724	1,182	724
VENEZ	1,167	689	522	307
PHIL R	947	619	947	619
FRANCE	697	472	697	472
AUSTRAL	683	436	683	436
ARAB EM	494	370	494	370
SPAIN	445	308	397	279
DOM REP	316	301	152	149
IRELAND	445	260	445	260
ICELAND	364	258	200	151
TRINID	249	170	0	0
COLOMB	259	136	69	39
MEXICO	119	135	47	71
INDNSIA	193	126	193	126
BRAZIL	160	110	145	95
BAHAMAS	129	102	0	0
BAHRAIN	125	99	125	99
ITALY	81	97	81	97
THAILND	96	82	96	82
KUWAIT	92	72	82	57
BERMUDA	66	55	0	0
AUSTRIA	92	55	92	55
N ANTIL	57	54	0	0
FR P IS	50	48	50	48
HONDURA	36	43	0	0
LW WW I	42	36	39	33
BRUNEI	23	17	23	17
SALVADR	19	16	18	15
C RICA	18	16	17	13
PORTUGL	22	12	0	0
GUATMAL	11	11	4	2
BOLIVIA	13	10	0	0
JAMAICA	6	9	0	0
BELIZE	5	6	0	0
HAITI	4	5	0	0
OTHER	15	10	0	0
TOTAL	186,643	$128,697	172,286	$113,195

1673100 STILL WINE NT ÓV 14% ALCOHOL--WG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1,637	10,844	1,560	10,337
CANADA	3,053	10,214	199	1,060
U KING	1,634	9,360	1,337	7,213
TAIWAN	374	2,254	279	1,629
BELGIUM	330	1,778	309	1,675
SWEDEN	328	1,437	328	1,435
SWITZLD	117	1,284	82	967
DENMARK	219	1,131	212	1,087
W GERM	157	1,050	140	904
FRANCE	77	883	60	655
HG KONG	124	872	118	803
BERMUDA	95	685	16	211
PHIL R	136	610	127	553
BAHAMAS	108	506	0	0
N ANTIL	83	469	27	126
LW WW I	72	426	0	0
NETHLDS	58	399	36	282
PANAMA	52	378	21	107
CAYMAN	44	270	2	9
SO KOR	37	264	37	262
ITALY	16	238	11	218
SINGAPR	35	191	34	186
JAMAICA	32	148	15	72
ICELAND	18	124	15	109
MEXICO	18	115	0	2
ECUADOR	24	111	15	67
MALAYSA	23	105	23	105
FR P IS	19	99	19	99
HAITI	13	82	9	49
COLOMB	13	80	0	0
BARBADO	12	79	0	0
GUATMAL	15	77	11	57
AUSTRAL	10	76	6	46
DOM REP	13	75	5	25
THAILND	12	64	10	48
VENEZ	12	64	0	0
SRI LKA	8	60	8	60
INDNSIA	11	56	11	56
BRAZIL	8	54	0	3
NORWAY	12	53	12	47
LIBERIA	6	44	3	25
FINLAND	5	42	4	40
IRELAND	4	41	4	41
BELIZE	6	40	0	0
ISRAEL	6	37	2	11
N ZEAL	5	28	5	28
C RICA	5	27	2	8
TRINID	5	24	0	0
TURK IS	3	23	0	0
SALVADR	3	22	2	16
AUSTRIA	3	19	3	18
HONDURA	1	19	0	0
KENYA	2	16	2	16
PERU	2	15	1	10
PAKISTN	2	14	2	14
ROMANIA	2	10	0	0
BNGLDSH	1	8	1	8
EGYPT	1	7	1	7
F W IND	1	6	0	0
CHINA M	1	6	1	6
INDIA	0	6	0	6
OTHER	4	15	1	4
TOTAL	9,127	$47,534	5,128	$30,821

1674300 WINE NSPF FROM FR GRAPE/MUST--WG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	242	1,470	186	1,032
U KING	223	1,240	169	707
TAIWAN	164	1,031	150	884
CANADA	221	638	51	245
SWITZLD	185	570	39	116
LW WW I	91	558	0	0
N ANTIL	79	543	0	0
DENMARK	63	343	63	343
MEXICO	84	341	0	0
ITALY	101	300	0	0
BAHAMAS	56	280	0	0
NETHLDS	42	227	3	7
BELGIUM	25	168	21	139
BARBADO	27	163	0	0
HG KONG	23	155	23	153
W GERM	22	152	22	150
HAITI	49	131	17	80
SO KOR	42	124	42	124
CAYMAN	18	105	1	4
FRANCE	12	96	10	47
PHIL R	16	84	16	84
SINGAPR	16	81	16	81
DOM REP	19	77	18	75

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
PANAMA	12	70	7	44
NIGERIA	13	62	0	0
SWEDEN	5	54	5	54
JAMAICA	10	53	0	0
AUSTRAL	6	52	2	41
MALAYSA	10	52	10	52
THAILND	7	36	7	36
COLOMB	8	36	0	0
GUATMAL	7	35	5	26
BELIZE	5	34	0	0
BERMUDA	7	34	0	0
ECUADOR	6	28	4	18
TURK IS	4	27	0	0
ISRAEL	3	19	0	2
SPAIN	11	16	0	0
HONDURA	2	16	0	0
NORWAY	1	15	1	15
C RICA	2	10	1	6
FR P IS	2	10	2	10
INDNSIA	1	8	1	8
PARAGUA	1	8	0	0
SALVADR	5	8	0	0
TRINID	1	8	0	0
OTHER	3	16	0	2
TOTAL	1,953	$9,584	891	$4,586
1675140	ALCOHOLIC BEV FERMENTED NSPF--GAL			
JAPAN	374	1,694	294	1,436
N ANTIL	54	462	0	0
TAIWAN	98	440	98	440
VENEZ	33	189	0	0
LW WW I	32	179	0	0
BERMUDA	32	121	0	0
U KING	26	83	1	3
HG KONG	16	61	10	43
CANADA	22	48	0	0
BAHAMAS	9	42	0	0
ITALY	14	39	14	39
BARBADO	4	29	0	0
COLOMB	3	28	0	0
W GERM	5	26	0	0
HAITI	16	25	0	0
CAYMAN	5	23	0	2
PANAMA	3	23	0	0
SPAIN	4	19	0	0
DENMARK	3	19	2	17
HONDURA	10	18	0	0
NETHLDS	4	16	0	0
SINGAPR	4	16	4	16
BELGIUM	3	15	0	2
DOM REP	3	10	0	0
FRANCE	3	9	2	2
MEXICO	6	8	0	0
OTHER	9	24	4	9
TOTAL	792	$3,664	428	$2,008
1651700	GRAPE JUICE NOT CONCENTRATED--GAL			
HG KONG	290	509	25	29
CANADA	343	404	0	0
PHIL R	85	159	11	22
TAIWAN	43	92	13	28
JAPAN	47	83	12	27
PANAMA	48	71	3	7
LW WW I	18	42	0	0
S ARAB	38	40	0	0
U KING	42	38	0	0
SALVADR	27	37	0	0
FRANCE	14	31	1	9
TRINID	12	30	0	0
DOM REP	12	24	0	0
SINGAPR	10	16	0	0
AUSTRAL	5	13	0	0
ISRAEL	6	13	0	0
COLOMB	11	11	0	0
BARBADO	9	9	0	0
BELGIUM	7	8	0	0
N ANTIL	8	6	0	0
OTHER	3	5	0	0
TOTAL	1,075	$1,641	63	$121

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1655400	GRAPE JUICE CONCENTRATED FRZ--SSG			
JAPAN	1,506	3,136	0	0
CANADA	469	1,009	0	0
TAIWAN	260	478	32	43
N ZEAL	27	38	27	38
MEXICO	20	18	0	0
N ANTIL	13	17	0	0
HG KONG	3	7	3	7
S ARAB	20	7	20	7
OTHER	8	9	6	7
TOTAL	2,326	$4,719	88	$103
1658000	GRAPE JUICE CONCNTRTD NOT FZ--SSG			
JAPAN	3,458	8,607	9	11
CANADA	1,141	2,167	0	0
HG KONG	192	121	0	0
SO KOR	23	54	23	54
JAMAICA	18	32	10	26
PHIL R	24	25	0	0
SWITZLD	39	20	39	20
MALAYSA	6	15	6	15
TAIWAN	19	9	19	9
LIBERIA	2	5	0	0
OTHER	19	17	1	3
TOTAL	4,940	$11,073	107	$138
1471500	GRAPEFRUIT, FRESH		--LB	
JAPAN	445,393	95,476	121,131	29,645
FRANCE	133,225	27,884	1,809	252
CANADA	69,667	15,242	0	0
NETHLDS	46,052	9,259	4,603	774
TAIWAN	29,935	5,315	22,780	4,119
W GERM	23,683	4,780	0	0
U KING	15,439	3,193	251	54
BELGIUM	9,374	2,445	35	7
HG KONG	6,056	1,593	4,333	1,182
ITALY	6,060	1,274	0	0
SWEDEN	3,099	704	1,461	325
SWITZLD	2,325	475	0	0
SO KOR	1,914	469	1,163	291
N ZEAL	1,696	438	1,696	438
AUSTRAL	853	197	853	197
SINGAPR	473	89	120	20
ISRAEL	68	23	0	0
PANAMA	53	20	0	0
MEXICO	251	18	0	0
DENMARK	15	12	0	0
OTHER	31	9	11	4
TOTAL	795,662	$168,914	160,244	$37,308
1650500	GRAPEFRT JUICE NOT CONCNTRTE--GAL			
JAPAN	609	1,418	114	247
FRANCE	394	1,152	0	0
S ARAB	193	315	0	0
HG KONG	106	238	98	217
W GERM	155	233	0	0
ITALY	63	198	0	0
ARAB EM	124	198	0	0
CANADA	80	186	0	0
TAIWAN	47	99	38	76
LW WW I	26	82	0	0
SINGAPR	30	75	8	22
KUWAIT	26	50	0	0
OMAN	49	43	0	0
QATAR	16	32	0	0
MEXICO	16	32	0	0
BAHRAIN	14	27	0	0
SO KOR	5	17	5	17
N ANTIL	9	13	0	0
SWEDEN	12	12	5	4
BERMUDA	3	7	0	0
BARBADO	3	6	0	0
OTHER	6	15	1	3
TOTAL	1,987	$4,446	268	$584

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

1653100 GRPFRT JUICE, CONCNTRTD, FRZ--SSG

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
JAPAN	8,469	15,590	770	1,340
CANADA	2,508	5,441	1	2
W GERM	585	985	152	213
NETHLDS	543	899	0	0
U KING	193	281	0	0
ISRAEL	140	175	0	0
SWITZLD	84	159	25	42
HG KONG	80	141	43	79
MEXICO	66	87	0	0
TAIWAN	44	83	0	0
FINLAND	19	46	0	0
SWEDEN	27	46	0	0
ICELAND	24	45	0	0
NORWAY	25	44	0	0
AUSTRIA	21	40	0	0
THAILND	17	29	17	29
ARAB EM	32	24	0	0
SINGAPR	12	19	0	0
N ANTIL	7	18	0	0
DENMARK	23	17	23	17
FRANCE	8	16	0	0
KUWAIT	4	10	0	0
BELGIUM	3	6	0	0
OTHER	6	8	2	5
TOTAL	12,939	$24,210	1,033	$1,726

1657100 GRAPEFRT JUICE CONC, NOT FRZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	1,167	2,192	0	0
JAPAN	194	377	54	94
SWITZLD	167	282	32	54
U KING	32	152	0	0
TAIWAN	116	138	116	138
DENMARK	67	92	67	92
NETHLDS	39	86	0	0
HG KONG	63	84	53	71
BERMUDA	39	40	0	0
LW WW I	18	26	0	0
BAHAMAS	7	12	0	0
SO KOR	5	8	5	8
SWEDEN	4	7	0	0
OTHER	2	4	0	0
TOTAL	1,920	$3,498	328	$456

1493050 KIWIFRUIT, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
NETHLDS	4,956	5,697	2,934	3,123
JAPAN	4,422	4,957	4,422	4,957
CANADA	4,664	2,111	2	3
SWEDEN	1,813	1,815	1,570	1,540
FINLAND	1,052	1,134	451	423
AUSTRIA	1,164	974	804	648
W GERM	951	925	332	294
U KING	1,322	847	553	167
SWITZLD	693	743	663	712
AUSTRAL	689	663	689	663
BELGIUM	400	387	276	344
TAIWAN	451	366	451	366
HG KONG	295	298	295	298
FRANCE	234	243	177	202
ARAB EM	214	161	214	161
KUWAIT	69	87	69	87
NORWAY	48	77	48	77
ITALY	65	57	65	57
N ZEAL	44	43	44	43
DENMARK	30	33	30	33
PANAMA	11	14	0	0
S ARAB	13	12	13	12
OTHER	3	2	3	2
TOTAL	23,601	$21,649	14,104	$14,212

1471900 LEMONS, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	278,328	82,018	277,375	81,710
HG KONG	15,731	3,881	15,731	3,881
CANADA	14,907	3,497	0	0
SO KOR	3,202	957	3,202	957
NETHLDS	3,735	782	2,665	506
AUSTRAL	2,530	701	2,450	675
MEXICO	2,390	384	2,357	377
N ZEAL	1,025	261	1,025	261
SWEDEN	510	182	510	182
FRANCE	585	175	505	152
SINGAPR	591	160	591	160
BELGIUM	539	112	200	37
TAIWAN	173	57	173	57
MALAYSA	73	19	73	19
U KING	9	6	9	6
OTHER	45	5	0	0
TOTAL	324,373	$93,196	306,865	$88,979

1654120 LEMON JUICE, CONC, FRZN --SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1,271	1,727	1,229	1,666
CANADA	505	1,062	0	0
S ARAB	108	223	108	223
SWITZLD	73	90	73	90
TAIWAN	48	69	48	69
KUWAIT	15	38	0	0
SWEDEN	52	38	0	0
W GERM	19	25	19	25
OTHER	3	5	2	2
TOTAL	2,094	$3,277	1,478	$2,076

1654140 CITRUS JUICES NSPF, CONC, FZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
ISRAEL	2,355	1,596	0	0
CANADA	321	654	0	0
JAPAN	255	456	133	124
U KING	540	444	0	0
BERMUDA	268	245	0	0
NETHLDS	339	200	0	0
HG KONG	150	158	125	148
N ZEAL	75	133	0	0
TAIWAN	151	129	0	0
BARBADO	65	86	0	0
FRANCE	34	84	0	0
W GERM	170	72	0	0
SO KOR	41	71	41	71
N ANTIL	56	71	0	0
HONDURA	27	49	0	0
BAHAMAS	70	45	0	0
SWEDEN	24	40	0	0
FR P IS	23	29	23	29
LW WW I	20	29	0	0
PHIL R	9	22	0	0
ECUADOR	5	13	0	0
S ARAB	5	13	0	0
HAITI	15	12	0	0
AUSTRAL	5	12	0	0
JAMAICA	7	11	0	0
MALAYSA	26	10	0	0
OTHER	4	5	4	5
TOTAL	5,065	$4,688	326	$378

1657700 CITRUS JUICE NSPF CONC NT FZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
LW WW I	483	385	0	0
HG KONG	145	339	128	327
JAPAN	169	256	169	256
SO KOR	177	244	177	244
CANADA	111	235	0	0
N ANTIL	242	200	0	0
THAILND	54	129	40	94
AUSTRAL	66	108	66	108
W GERM	59	107	56	99
BERMUDA	84	69	0	0
U KING	23	57	0	0
BOLIVIA	26	51	0	0
LIBERIA	20	50	0	0
SINGAPP	65	37	52	28
DOM REP	28	35	0	0
MEXICO	10	26	10	26
AUSTRIA	19	25	19	25
COLOMB	10	25	0	0
FRANCE	16	23	16	23
NORWAY	7	18	0	0
SWITZLD	10	15	10	15

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TAIWAN	13	13	13	13
BAHAMAS	15	12	0	0
BARBADO	20	9	0	0
MALAYSA	4	7	4	7
NIGERIA	3	7	3	7
ECUADOR	2	5	0	0
OTHER	14	23	6	10
TOTAL	1,894	$2,509	769	$1,282

4523400 LEMON OIL --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	227	1,438	188	1,231
U KING	195	1,234	1	7
CANADA	150	787	0	0
FRANCE	183	360	7	51
NETHLDS	36	240	2	20
SWITZLD	47	187	4	31
HG KONG	38	177	28	173
VENEZ	39	144	0	0
W GERM	21	127	2	18
MEXICO	13	88	0	2
IRELAND	9	87	0	0
COLOMB	15	58	0	0
SPAIN	0	57	0	0
PHIL R	2	42	0	0
BELGIUM	10	34	0	0
AUSTRAL	3	29	2	8
TAIWAN	5	24	2	21
REP SAF	3	23	0	0
THAILND	2	20	0	0
PORTUGL	2	13	0	0
SO KOR	3	12	2	7
MALAYSA	1	11	0	0
PANAMA	1	10	0	0
INDNSIA	1	8	1	5
CHINA M	3	8	0	0
DENMARK	1	7	1	7
GUATMAL	1	6	0	0
GUYANA	1	5	0	0
SINGAPR	1	5	1	5
OTHER	2	14	1	4
TOTAL	1,014	$5,257	240	$1,590

1482700 MELONS, FRESH, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	30,813	7,559	30,407	7,421
HG KONG	16,532	4,215	16,532	4,215
CANADA	10,074	2,094	60	12
W GERM	93	34	0	0
U KING	26	19	26	19
NETHLDS	92	18	92	18
TAIWAN	32	14	32	14
SO KOR	33	12	33	12
SINGAPR	50	9	50	9
BAHAMAS	37	7	0	0
MEXICO	55	6	55	6
OTHER	65	15	34	7
TOTAL	57,902	$14,003	47,321	$11,734

1473140 ORANGES, FRESH, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	265,649	78,413	256,090	76,276
CANADA	228,006	54,415	0	0
HG KONG	201,300	47,992	201,089	47,941
SINGAPR	27,304	6,935	27,217	6,919
NETHLDS	22,208	4,967	14,582	2,950
MALAYSA	17,853	3,959	17,853	3,959
TAIWAN	14,952	3,123	14,156	2,921
AUSTRAL	10,474	2,693	10,474	2,693
N ZEAL	6,073	1,651	6,073	1,651
SWEDEN	3,998	1,036	3,698	970
BELGIUM	4,015	944	2,932	565
U KING	1,885	632	966	283
FRANCE	2,247	597	1,319	349
FR P IS	777	221	620	173
SO KOR	392	135	392	135
MEXICO	924	91	893	87
DENMARK	427	69	381	62
W GERM	149	50	114	37
THAILND	109	39	17	9
BAHAMAS	82	31	0	0
BRUNEI	96	28	96	28
BARBADO	52	18	0	0
IRELAND	75	17	0	0
FINLAND	38	13	38	13
C RICA	39	10	0	0
NORWAY	36	9	36	9
N ANTIL	60	9	0	0
F W IND	48	8	0	0
PERU	21	5	0	0
OTHER	51	16	13	3
TOTAL	809,340	$208,125	559,049	$148,034

1650700 ORANGE JUICE NOT CONCENTRATE--GAL

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
FRANCE	1,408	3,732	0	0
S ARAB	475	775	0	0
CANADA	530	662	0	0
ARAB EM	338	569	0	0
JAPAN	289	506	36	73
HG KONG	220	374	187	327
LW WW I	160	363	0	0
N ANTIL	92	197	0	0
OMAN	172	184	0	0
SINGAPR	103	153	71	112
BAHRAIN	83	144	0	0
TAIWAN	78	110	74	96
BERMUDA	41	93	0	0
NETHLDS	40	92	0	0
KUWAIT	62	87	0	0
ITALY	30	78	0	0
JORDAN	65	76	0	0
ISRAEL	22	67	0	0
BAHAMAS	43	59	0	0
FR P IS	23	50	23	50
QATAR	34	50	0	0
COLOMB	13	35	0	0
NORWAY	9	27	2	6
BELGIUM	29	24	0	0
BARBADO	13	21	0	0
CAYMAN	8	20	0	0
HAITI	11	19	0	0
CHINA M	22	18	22	18
SO KOR	11	18	11	18
INDNSIA	5	18	5	18
DENMARK	5	16	0	0
ANGOLA	19	16	0	0
PANAMA	6	13	0	0
BRUNEI	4	11	4	11
	6	10	6	10
U KING	3	10	0	0
SWEDEN	4	9	2	2
PHIL R	5	8	4	6
PAKISTN	3	8	0	0
O W AF	7	6	0	0
HONDURA	7	5	0	0
OTHER	10	16	3	4
TOTAL	4,505	$8,749	448	$751

1653320 ORANGE JUICE CONC FZ UND32OZ--SSG

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	12,148	24,254	0	0
SWEDEN	437	670	0	0
TAIWAN	147	189	14	14
FR P IS	86	161	86	161
JAPAN	105	156	53	94
U KING	73	130	0	0
SO KOR	41	108	41	108
BAHAMAS	55	104	0	0
N ANTIL	83	103	0	0
NORWAY	65	101	0	0
COLOMB	45	86	0	0
BERMUDA	42	84	0	0
W GERM	24	66	0	0
AUSTRIA	39	66	0	0
SINGAPR	24	51	12	22
INDNSIA	34	38	0	0
S ARAB	31	34	28	27
FRANCE	18	25	0	0
MALAYSA	15	23	15	23
BELGIUM	15	14	0	0
PANAMA	5	14	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SWITZLD	9	14	0	0
HG KONG	6	11	6	11
PHIL R	5	10	5	10
TRINID	3	7	0	0
OTHER	6	10	0	0
TOTAL	13,562	$26,528	260	$469
1653340	ORANGE JUCE CONC FZ 32-128OZ--SSG			
CANADA	2,198	4,384	0	0
SWITZLD	720	1,424	0	0
U KING	735	1,357	0	0
W GERM	609	985	0	0
FRANCE	463	822	0	0
HG KONG	348	616	28	77
SWEDEN	345	541	0	0
NETHLDS	319	461	0	0
JAPAN	170	316	5	13
HONDURA	156	267	0	0
S ARAB	114	262	41	42
NORWAY	188	250	0	0
BELGIUM	180	234	0	0
AUSTRIA	140	193	0	0
SALVADR	76	103	0	0
C RICA	76	96	0	0
BAHAMAS	47	89	0	0
SINGAPR	58	87	0	0
SO KOR	33	75	33	75
GUATMAL	55	71	0	0
	15	41	5	14
ICELAND	12	33	0	0
N ANTIL	15	24	0	0
BERMUDA	9	15	0	0
KUWAIT	5	14	0	0
OTHER	10	19	5	9
TOTAL	7,096	$12,780	117	$231
1653360	ORANGE JUICE CONC FZ OV 1GAL--SSG			
CANADA	6,903	10,054	0	0
W GERM	3,504	3,366	2,891	2,362
TAIWAN	1,944	2,679	1,742	2,321
NETHLDS	2,946	2,582	2,207	1,412
HG KONG	1,272	1,684	815	1,109
NORWAY	1,195	1,493	12	12
ISRAEL	788	1,445	0	0
HONDURA	826	1,393	0	0
JAPAN	841	1,321	367	526
N ZEAL	1,097	1,307	1,016	1,188
U KING	1,599	1,296	1,363	1,023
IRELAND	1,095	859	1,095	859
ICELAND	555	731	0	0
SWITZLD	557	539	465	387
SO KOR	194	387	194	387
SINGAPR	248	338	53	103
SWEDEN	240	320	0	0
FRANCE	196	241	161	194
MEXICO	71	185	0	0
FINLAND	123	185	0	0
IRAQ	132	158	0	0
AUSTRIA	131	155	0	0
S ARAB	118	149	118	149
MALAYSA	125	146	98	110
PHIL R	97	130	97	130
THAILND	83	127	83	127
TRINID	61	111	0	0
BELGIUM	89	106	66	84
INDNSIA	61	105	61	105
C RICA	60	90	0	0
ECUADOR	52	68	0	0
DOM REP	76	64	0	0
F W IND	14	29	0	0
N ANTIL	8	18	0	0
NIGERIA	21	17	21	17
BAHAMAS	4	12	0	0
FR P IS	3	10	3	10
OTHER	1	3	0	0
TOTAL	27,329	$33,904	12,926	$12,615

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1657400	ORANGE JUICE CONCTRTD NT FZ --SSG			
MALAYSA	476	769	469	752
HG KONG	446	515	424	497
SINGAPR	300	512	300	512
W GERM	363	499	0	0
S ARAB	358	448	0	0
JAPAN	241	426	215	372
CANADA	162	276	0	0
TAIWAN	178	232	6	12
SWEDEN	131	217	0	0
DENMARK	190	170	118	104
BERMUDA	138	124	0	0
SWITZLD	150	118	150	118
PHIL R	50	96	50	96
THAILND	59	94	59	94
NETHLDS	54	78	0	0
NORWAY	58	59	45	36
N ANTIL	43	58	0	0
FRANCE	46	53	41	48
LW WW I	36	46	0	0
U KING	33	43	9	10
HAITI	22	43	0	0
KUWAIT	11	26	0	0
NIGERIA	15	25	15	25
SO KOR	9	21	9	21
ARAB EM	7	17	0	0
BRUNEI	8	10	8	10
ECUADOR	3	7	0	0
BELGIUM	6	7	6	7
AUSTRIA	6	7	6	7
MEXICO	3	7	3	7
TURKEY	2	6	0	0
INDNSIA	2	6	2	6
OTHER	8	17	1	4
TOTAL	3,611	$5,033	1,935	$2,737
4524400	ORANGE OIL		--LB	
JAPAN	798	1,244	205	306
W GERM	446	707	0	0
MEXICO	701	298	50	49
HG KONG	202	280	23	61
U KING	102	253	12	14
NETHLDS	200	248	5	8
CANADA	168	234	0	0
PHIL R	157	225	154	198
IRELAND	50	182	0	0
VENEZ	32	161	0	0
AUSTRAL	16	102	6	44
SWITZLD	125	101	0	2
FRANCE	97	97	21	26
ITALY	11	72	0	0
INDNSIA	52	55	28	17
INDIA	73	51	0	0
ISRAEL	1	46	0	0
DOM REP	6	42	0	0
SPAIN	5	37	0	0
BELGIUM	34	35	8	10
PORTUGL	13	35	0	0
SO KOR	9	29	5	14
SWEDEN	6	22	2	16
THAILND	10	19	9	10
PAKISTN	3	13	0	0
TAIWAN	9	12	9	12
KENYA	13	11	0	0
GREECE	7	10	7	10
SINGAPR	2	10	2	2
GUATMAL	7	10	0	0
ARGENT	1	9	0	0
MOROC	1	9	0	0
PERU	4	9	0	0
TURKEY	0	7	0	0
CHINA M	8	7	0	0
OTHER	4	12	3	3
TOTAL	3,372	$4,694	545	$801
1515000	OLIVES, CANNED		--LB	
CANADA	951	887	0	0
JAPAN	855	653	852	651

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TABLE 6 AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SWEDEN	176	98	176	98
HG KONG	75	83	75	83
SPAIN	159	57	128	37
PANAMA	41	50	7	16
SINGAPR	35	40	35	40
TAIWAN	27	29	27	29
SO KOR	29	27	29	27
S ARAB	21	23	21	23
THAILND	16	19	16	19
GUATMAL	29	11	0	0
DENMARK	10	11	10	11
PHIL R	11	11	11	11
ECUADOR	14	10	0	0
W GERM	10	10	10	10
NORWAY	3	10	0	0
TRINID	13	8	0	0
KUWAIT	5	8	5	8
BERMUDA	8	6	0	0
OTHER	20	12	8	4
TOTAL	2,506	$2,064	1,409	$1,067

1515500   OLIVES, PREP OR PRES, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	965	763	0	0
HAITI	64	54	0	0
JAPAN	40	46	0	0
BERMUDA	6	9	0	0
	13	7	13	7
MEXICO	10	7	0	0
SO KOR	9	6	9	6
OTHER	7	5	0	0
TOTAL	1,113	$897	21	$13

1487500   PEACHES & NECTARINES, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	47,848	13,013	67	32
JAPAN	2,679	1,500	2,679	1,500
MEXICO	6,507	1,359	3,516	761
TAIWAN	775	396	775	396
PHIL R	372	188	372	188
HG KONG	248	176	242	172
BAHAMAS	175	65	0	0
W GERM	149	50	149	50
U KING	101	50	75	42
SINGAPR	96	43	96	43
C RICA	79	34	14	9
KUWAIT	112	33	112	33
HONDURA	112	29	0	0
ARAB EM	66	27	66	27
PANAMA	47	19	0	0
SWEDEN	22	10	22	10
S ARAB	39	10	39	10
COLOMB	22	9	0	0
SWITZLD	17	7	0	0
FINLAND	9	7	9	7
HAITI	14	5	0	0
OTHER	65	23	25	9
TOTAL	59,552	$17,053	8,259	$3,288

1516000   PEACHES AND NECTARINES, PREP--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	19,345	7,506	19,116	7,421
CANADA	3,674	1,320	0	0
TAIWAN	4,146	1,177	4,146	1,177
SINGAPR	1,244	513	1,244	513
PANAMA	1,156	473	728	284
HG KONG	799	352	799	352
PHIL R	728	225	728	225
S ARAB	610	202	282	82
FINLAND	295	112	295	112
INDNSIA	111	104	111	104
NETHLDS	254	92	222	81
KUWAIT	191	87	191	87
NORWAY	209	82	192	76
C RICA	118	57	65	28
MALAYSA	116	52	116	52
BAHAMAS	111	43	0	0
SWITZLD	118	42	101	34
BERMUDA	113	39	0	0
ECUADOR	42	36	0	0
	97	35	97	35

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
MEXICO	80	33	74	31
U KING	79	32	79	32
ARAB EM	73	31	73	31
FR P IS	56	28	56	28
W GERM	42	26	42	26
ISRAEL	34	25	34	25
SO KOR	40	19	40	19
QATAR	47	18	47	18
SWEDEN	53	18	53	18
N ANTIL	39	16	0	0
THAILND	19	13	19	13
DOM REP	21	11	0	0
OMAN	37	11	37	11
HONDURA	24	10	0	0
SALVADR	13	8	0	0
	15	7	11	5
VENEZ	33	6	0	0
COLOMB	18	6	0	0
OTHER	41	20	24	12
TOTAL	34,241	$12,887	29,021	$10,930

1519500   FRUIT MIXTURES, NSPF, PREP --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	13,779	5,591	0	0
HG KONG	8,311	4,023	8,108	3,868
JAPAN	8,650	3,945	7,931	3,744
SINGAPR	3,270	1,537	3,253	1,527
PHIL R	2,840	1,210	2,817	1,191
PANAMA	2,177	1,014	1,458	691
S ARAB	1,968	883	643	318
SWEDEN	908	476	784	422
TRINID	595	350	0	0
NORWAY	585	305	268	157
SO KOR	676	267	647	244
NETHLDS	501	253	480	240
TAIWAN	673	221	663	217
N ANTIL	367	204	0	0
KUWAIT	378	178	378	178
FR P IS	380	160	380	160
BAHAMAS	222	142	0	0
MEXICO	257	139	196	114
FRANCE	314	127	0	0
SWITZLD	289	120	250	103
FINLAND	205	115	205	115
ARAB EM	235	102	232	100
MALAYSA	231	91	229	88
U KING	168	82	168	82
QATAR	194	79	159	63
W GERM	217	71	108	44
HONDURA	113	70	0	0
GUATMAL	119	68	0	0
LW WW I	99	67	0	0
COLOMB	142	63	34	14
BERMUDA	83	60	0	0
JAMAICA	78	59	0	0
DOM REP	93	53	0	0
LIBERIA	137	52	0	0
EGYPT	101	48	101	48
	96	43	24	9
HAITI	134	39	0	0
BARBADO	49	39	0	0
F W IND	33	30	0	0
INDNSIA	50	26	50	26
	47	26	47	26
BELIZE	44	25	0	0
ECUADOR	35	21	0	0
C RICA	35	21	3	2
SALVADR	32	19	0	0
VENEZ	3	17	0	0
DENMARK	14	17	14	17
BRUNEI	33	14	33	14
PARAGUA	37	14	0	0
	24	11	24	11
BAHRAIN	22	11	22	11
LEBANON	40	10	16	7
CAYMAN	8	8	0	0
OMAN	13	6	4	2
OTHER	6	8	0	0
TOTAL	50,110	$22,632	29,728	$13,855

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

1488500 PEARS, FRESH --LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
CANADA	39,300	8,874	0	0
SWEDEN	16,231	2,732	0	0
ARAB EM	4,222	1,014	0	0
HG KONG	2,716	966	1,191	431
MEXICO	5,299	908	2,768	626
S ARAB	3,855	748	0	0
PANAMA	1,567	443	0	0
NETHLDS	2,008	409	0	0
W GERM	1,506	284	0	0
BRAZIL	1,337	273	0	0
FINLAND	1,084	170	0	0
SINGAPR	566	169	211	81
TAIWAN	400	142	383	139
U KING	667	129	24	5
BAHRAIN	308	99	0	0
THAILND	105	93	21	8
KUWAIT	223	71	11	2
C RICA	282	68	0	0
HONDURA	221	55	0	0
DOM REP	171	48	0	0
GUATMAL	154	45	0	0
N ANTIL	116	42	0	0
FR P IS	123	40	123	40
JAPAN	125	36	61	17
NORWAY	161	36	0	0
TRINID	106	28	0	0
BELIZE	58	18	21	10
ICELAND	23	7	0	0
OTHER	19	8	0	0
TOTAL	82,954	$17,955	4,814	$1,358

1517000 PEARS, PREPARED OR PRESERVED--LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
JAPAN	581	265	357	147
CANADA	298	97	0	0
S ARAB	162	72	74	33
NORWAY	194	71	106	34
	155	70	102	46
SINGAPR	118	57	13	5
NETHLDS	116	57	116	57
N ANTIL	97	52	0	0
KUWAIT	120	41	120	41
FR P IS	67	31	67	31
U KING	150	30	50	21
HG KONG	54	28	54	28
PANAMA	53	23	9	4
BERMUDA	26	14	0	0
PHIL R	61	13	61	13
OMAN	31	12	31	12
QATAR	27	11	27	11
MEXICO	26	10	0	0
C RICA	17	8	14	7
SWEDEN	13	8	13	8
TAIWAN	37	7	37	7
COLOMB	17	6	0	0
INDNSIA	8	5	8	5
OTHER	62	27	51	23
TOTAL	2,490	$1,014	1,311	$533

1453520 PISTACHIOS, NT SHLD OR RSTD --LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
CHINA M	1,789	1,356	1,789	1,356
HG KONG	1,263	1,298	1,263	1,298
U KING	1,049	971	582	543
JAPAN	290	634	278	609
TAIWAN	166	377	166	377
W GERM	128	324	56	123
SWITZLD	108	275	108	275
SINGAPR	91	214	91	214
NETHLDS	64	159	64	159
AUSTRAL	65	135	65	135
SPAIN	73	124	0	0
CANADA	46	115	0	0
INDIA	134	114	134	114
NORWAY	45	111	45	111
BERMUDA	83	82	0	0
REP SAF	26	66	26	66
MEXICO	20	50	17	41
ITALY	18	45	18	45
FRANCE	24	38	24	38
ISRAEL	42	35	0	0
BOLIVIA	4	13	0	0
N ANTIL	3	10	0	0
PANAMA	2	7	1	2
OTHER	2	8	0	0
TOTAL	5,535	$6,563	4,725	$5,507

1455720 PISTACHIOS, SHELLED --LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
MEXICO	463	364	449	358
FRANCE	154	276	148	266
JAPAN	116	224	116	224
TAIWAN	80	164	80	164
ISRAEL	184	99	184	99
HG KONG	34	84	34	84
CANADA	30	62	0	0
INDIA	57	27	57	27
U KING	11	26	5	10
AUSTRAL	8	20	8	20
BELIZE	7	17	0	0
SWITZLD	5	13	5	13
ARGENT	5	13	5	13
COLOMB	5	10	0	0
REP SAF	3	8	3	8
PANAMA	3	6	0	0
PARAGUA	2	5	0	0
OTHER	4	10	4	8
TOTAL	1,171	$1,428	1,098	$1,295

1457520 PISTACHIOS, PREP OR PRESRVD --LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
HG KONG	216	547	213	536
CANADA	303	428	0	0
TAIWAN	72	186	72	186
SINGAPR	51	135	41	94
JAPAN	59	134	59	134
N ANTIL	108	120	0	0
ARGENT	30	86	5	10
MEXICO	69	85	40	20
W GERM	22	74	20	71
PARAGUA	30	44	0	0
ISRAEL	41	34	41	34
CHILE	11	25	11	25
BELIZE	6	20	0	0
COLOMB	4	13	0	0
BRAZIL	5	11	3	7
PHIL R	3	11	3	11
PANAMA	2	8	1	4
SWITZLD	2	6	2	6
OTHER	4	8	1	4
TOTAL	1,038	$1,976	511	$1,143

1491700 PRUNES AND PLUMS, FRESH --LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
HG KONG	24,411	9,789	23,981	9,656
CANADA	25,449	6,653	225	106
TAIWAN	11,936	4,494	11,603	4,367
U KING	6,143	2,883	3,712	1,987
SINGAPR	2,159	846	2,159	846
SWEDEN	1,959	442	812	214
NETHLDS	1,027	303	674	138
MALAYSA	891	276	891	276
MEXICO	790	197	383	82
W GERM	227	120	193	111
PANAMA	277	119	0	0
FINLAND	411	118	92	25
THAILND	45	88	45	88
JAPAN	98	53	17	7
N ANTIL	118	49	0	0
FRANCE	83	45	24	16
NORWAY	205	44	110	20
ARAB EM	98	44	98	44
KUWAIT	63	36	63	36
SWITZLD	41	18	0	0
JAMAICA	20	17	0	0
FR P IS	28	12	28	12
BAHAMAS	29	10	0	0
DOM REP	11	10	0	0
N ZEAL	19	9	19	9
C RICA	18	8	12	6

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
OPAC IS	13	7	13	7
DENMARK	8	5	8	5
OTHER	28	10	0	0
TOTAL	76,604	$26,702	45,162	$18,054
1508000	PRUNES, DRIED.		--LB	
W GERM	18,308	14,342	16,153	12,622
JAPAN	19,590	12,599	19,553	12,571
ITALY	17,299	12,305	16,686	11,929
SWEDEN	6,320	5,510	6,210	5,426
U KING	7,601	5,343	7,455	5,277
CANADA	7,101	5,155	0	0
FINLAND	5,670	4,569	5,610	4,513
NETHLDS	4,929	3,709	4,531	3,356
DENMARK	4,380	3,031	4,132	2,849
SPAIN	3,917	2,910	3,604	2,688
NORWAY	3,158	2,633	3,113	2,609
MEXICO	3,810	2,246	678	334
ISRAEL	2,933	1,940	2,057	1,316
FRANCE	2,426	1,831	2,426	1,831
SWITZLD	1,307	1,034	1,307	1,034
TAIWAN	1,787	967	1,588	942
HG KONG	1,209	895	1,163	863
BELGIUM	1,204	889	1,028	740
SINGAPR	1,226	827	1,226	827
AUSTRAL	1,027	754	991	734
N ZEAL	834	634	834	634
MALAYSA	787	548	783	545
VENEZ	663	541	434	358
AUSTRIA	729	473	633	411
GREECE	435	309	353	255
TRINID	509	305	0	0
S ARAB	433	283	433	283
PORTUGL	380	270	380	270
PANAMA	325	254	248	196
PHIL R	167	135	167	135
INDIA	32	86	32	86
KUWAIT	131	84	131	84
N ANTIL	95	77	0	0
ARAB EM	96	68	96	68
IRELAND	118	65	81	45
DOM REP	163	63	41	27
FR P IS	61	56	61	56
ICELAND	43	39	20	22
GUATMAL	31	18	28	16
ECUADOR	29	17	29	17
BAHAMAS	9	17	0	0
CYPRUS	24	15	19	11
C RICA	10	11	4	4
THAILND	12	10	12	10
BRUNEI	13	10	13	10
BERMUDA	10	8	0	0
SALVADR	9	7	6	5
OTHER	23	19	10	8
TOTAL	121,376	$87,913	104,358	$76,018
1465500	STRAWBERRIES, FRESH		--LB	
CANADA	15,455	11,588	245	258
JAPAN	5,701	11,229	5,658	11,202
U KING	696	591	645	539
W GERM	600	484	466	376
HG KONG	206	303	206	303
SWITZLD	109	108	68	66
ARAB EM	92	105	68	97
FRANCE	82	101	79	99
SINGAPR	59	98	59	98
N ZEAL	59	41	57	37
AUSTRAL	43	36	43	36
S ARAB	32	34	32	34
BERMUDA	36	29	0	0
SWEDEN	24	25	24	25
KUWAIT	9	13	9	13
TAIWAN	6	12	6	12
NETHLDS	12	11	12	11
FINLAND	14	10	0	0
ITALY	3	6	3	6
OTHER	15	11	11	9
TOTAL	23,254	$24,835	7,693	$13,223

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1497000	STRAWBERRIES, FROZEN		--LB	
JAPAN	7,525	4,319	5,126	2,662
CANADA	1,755	909	0	0
AUSTRAL	1,136	619	195	86
W GERM	58	49	58	49
N ZEAL	86	47	86	47
TAIWAN	59	34	17	7
HG KONG	38	25	38	25
SINGAPR	15	13	13	11
VENEZ	40	12	0	0
GUATMAL	7	11	0	0
FINLAND	14	10	0	0
MEXICO	60	9	0	0
S ARAB	10	7	0	0
U KING	3	6	3	6
OTHER	14	11	6	4
TOTAL	10,821	$6,080	5,542	$2,896
1473120	TANGERINES, FRESH		--LB	
CANADA	16,461	3,862	0	0
HG KONG	4,961	1,624	4,961	1,624
NETHLDS	6,237	1,388	1,076	241
FRANCE	1,926	434	829	187
TAIWAN	1,735	309	1,735	309
MALAYSA	846	267	846	267
U KING	876	198	192	45
JAPAN	291	125	291	125
N ZEAL	427	96	427	96
W GERM	272	61	78	17
BELGIUM	263	59	150	34
SINGAPR	190	56	190	56
SWEDEN	151	34	38	8
FR P IS	69	28	69	28
FINLAND	78	17	0	0
AUSTRAL	22	6	22	6
OTHER	6	3	0	0
TOTAL	34,810	$8,567	10,905	[illegible],043
1452800	WALNUTS, NOT SHLLD OR ROASTED--LB			
SPAIN	31,388	25,188	22,047	17,803
W GERM	23,248	19,230	8,146	7,065
NETHLDS	20,867	17,963	8,145	7,323
ITALY	12,068	9,498	9,392	7,377
MEXICO	7,680	5,974	7,618	5,927
JAPAN	5,543	5,034	5,380	4,896
CANADA	4,858	4,814	0	0
FRANCE	2,118	1,886	1,760	1,386
U KING	1,334	1,144	1,251	1,078
SWITZLD	1,065	992	1,065	992
ISRAEL	826	845	704	722
BELGIUM	1,045	818	264	196
NORWAY	855	735	848	729
AUSTRAL	770	734	770	734
PORTUGL	696	584	516	449
DENMARK	566	506	566	506
GREECE	405	309	289	247
SWEDEN	334	298	334	298
VENEZ	225	205	54	57
TAIWAN	149	140	130	124
PANAMA	108	97	106	94
BRAZIL	114	90	21	15
ECUADOR	110	86	66	51
MALTA	68	66	18	16
S ARAB	63	60	58	55
BAHAMAS	47	45	0	0
AUSTRIA	53	39	53	39
URUGUAY	43	39	23	21
DOM REP	35	37	0	0
FINLAND	38	34	38	34
PHIL R	31	29	31	29
HG KONG	22	25	22	25
SINGAPR	15	15	15	15
GUATMAL	11	12	8	7
ARAB EM	15	11	15	11
N ANTIL	8	10	0	0
HONDURA	6	6	0	0
OTHER	11	9	5	4
TOTAL	116,836	$97,605	69,756	$58,325

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1455100	WALNUTS, SHELLED, NOT BLANCHED--LB			
W GERM	2,742	3,794	2,136	3,013
JAPAN	2,626	3,628	2,618	3,613
AUSTRAL	1,966	3,276	1,805	3,119
ISRAEL	1,067	1,993	1,014	1,902
SPAIN	1,090	1,900	1,027	1,772
CANADA	2,025	1,652	0	0
TAIWAN	776	1,382	776	1,382
NETHLDS	737	960	586	742
GREECE	660	916	472	681
SWITZLD	319	551	319	551
AUSTRIA	385	539	144	193
ITALY	660	473	615	441
U KING	150	302	143	287
SWEDEN	138	285	138	285
NORWAY	131	238	131	238
VENEZ	184	212	85	136
MEXICO	42	153	42	153
SINGAPR	129	121	129	121
PHIL R	157	119	157	119
PANAMA	39	78	34	66
BELGIUM	42	78	42	78
S ARAB	26	67	26	67
DENMARK	21	38	21	38
FINLAND	20	22	20	22
BERMUDA	35	16	0	0
MALAYSA	26	12	26	12
FRANCE	11	11	11	11
INDIA	3	9	3	9
FR P IS	9	8	9	8
GUATMAL	6	7	1	2
N ANTIL	3	7	0	0
ICELAND	2	6	2	6
N ZEAL	3	5	3	5
C RICA	6	5	1	2
OTHER	24	21	9	7
TOTAL	16,260	$22,884	12,544	$19,083
1493060	OTH FRSH ED FRUIT EXCL PAPAY--LB			
JAPAN	4.516	2,993	4,440	2,923
BERMUDA	4,455	2,925	0	0
CANADA	7,954	2,867	41	21
NETHLDS	3,086	2,490	61	87
U KING	2,295	1,783	71	55
HG KONG	1.170	1,407	1,167	1,403
KUWAIT	592	810	583	800
FRANCE	677	389	677	389
S ARAB	175	253	166	243
PANAMA	505	239	0	0
TAIWAN	453	207	453	207
TRINID	392	204	0	0
SINGAPR	132	187	132	187
LW WW I	258	122	0	0
AUSTRAL	162	120	162	120
BAHAMAS	374	119	0	0
AUSTRIA	90	106	90	106
NORWAY	50	105	50	105
FR P IS	122	82	122	82
ARAB EM	88	79	88	79
FINLAND	69	66	69	66
N ANTIL	186	66	0	0
SWEDEN	67	46	32	32
SWITZLD	93	32	93	32
BELIZE	84	30	0	0
N ZEAL	15	28	15	28
MEXICO	122	27	110	22
W GERM	62	26	0	0
DOM REP	41	21	0	0
BRUNEI	8	16	8	16
C RICA	38	15	0	0
BARBADO	29	13	0	0
ITALY	8	13	8	13
HAITI	12	10	0	0
F W IND	18	9	0	0
COLOMB	20	8	0	0
GUINEA	6	6	0	0
O W AF	6	6	0	0
OTHER	36	17	34	14
TOTAL	28,467	$17,942	8,672	$7,029

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1509000	MIXTURE, 2 OR MORE DRY FRUIT--LB			
SWEDEN	896	955	885	947
FINLAND	671	698	671	698
CANADA	631	286	0	0
FRANCE	183	117	176	108
DENMARK	145	111	145	111
GUATMAL	87	92	87	92
NETHLDS	77	90	51	70
HG KONG	63	84	63	84
BELGIUM	58	71	17	29
SWITZLD	52	67	52	67
TAIWAN	106	65	106	65
REP SAF	69	64	69	64
U KING	40	60	26	46
JAPAN	52	58	52	58
W GERM	42	40	41	34
ITALY	45	28	45	28
NORWAY	34	25	34	25
N ZEAL	18	20	18	20
THAILND	46	17	46	17
COLOMB	8	12	0	0
SINGAPR	26	11	26	11
ISRAEL	36	11	36	11
ICELAND	14	10	12	8
N ANTIL	14	8	0	0
FR P IS	14	8	14	8
MEXICO	10	7	10	7
OTHER	11	10	6	5
TOTAL	3,449	$3,027	2,689	$2,612
1351800	ASPARAGUS, FRESH OR CHILLED --LB			
JAPAN	6,295	8,929	6,02C	8,584
CANADA	8,521	6,675	124	137
ITALY	1.087	1,447	747	1,019
U KING	1,113	1,220	678	753
MEXICO	2,249	1,096	2,243	1,094
SWITZLD	822	971	191	256
HG KONG	301	329	244	249
AUSTRAL	97	93	97	93
CHINA M	23	43	23	43
W GERM	33	39	33	39
FRANCE	17	26	0	0
ICELAND	16	18	0	0
NORWAY	10	13	3	5
ARAB EM	5	5	5	5
OTHER	12	19	3	7
TOTAL	20,603	$20,922	10,412	$12,285
1410100	ASPARAGUS, CND, EXCL. PICKLED --LB			
U KING	685	678	13	7
SWEDEN	174	182	52	15
NETHLDS	92	107	0	0
NORWAY	61	83	0	0
SWITZLD	71	68	0	0
JAPAN	54	55	54	55
TAIWAN	20	51	20	51
ICELAND	48	48	10	9
CANADA	87	47	0	0
BELGIUM	31	44	0	0
FR P IS	42	43	42	43
HAITI	65	39	0	0
HG KONG	26	28	26	28
S ARAB	30	19	23	13
KUWAIT	30	15	0	0
BERMUDA	17	15	0	0
SO KOR	43	13	43	13
DENMARK	17	12	17	12
VENEZ	5	9	0	0
C RICA	13	8	3	2
LEBANON	14	8	14	8
SINGAPR	7	5	0	0
PANAMA	6	5	0	0
HONDURA	4	5	0	0
OTHER	13	8	5	2
TOTAL	1,654	$1,595	322	$256

TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

1352300 BROCCOLI, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
CANADA	46,771	12,182	7	5
JAPAN	40	97	36	18
U KING	151	76	125	65
HG KONG	218	51	218	51
MEXICO	122	32	0	0
SO KOR	50	30	50	30
NORWAY	9	6	2	2
OTHER	15	7	0	0
TOTAL	47,374	$12,481	438	$172

1352700 CABBAGE, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	10,386	1,146	0	0
HG KONG	951	186	951	186
TAIWAN	130	28	130	28
U KING	59	12	0	0
JAPAN	54	11	54	11
LW WW I	31	7	0	0
PANAMA	36	6	0	0
OTHER	17	2	0	0
TOTAL	11,664	$1,396	1,135	$224

1352900 CARROTS, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	38,990	7,583	0	0
ARAB EM	6,265	1,339	5,454	1,112
TRINID	3,560	963	0	0
U KING	1,962	268	326	37
SWEDEN	1,699	219	862	78
NORWAY	1,638	172	1,596	168
HG KONG	273	77	273	77
IRELAND	583	62	0	0
KUWAIT	151	31	151	31
FINLAND	163	27	0	0
NETHLDS	124	20	0	0
MEXICO	70	10	70	10
SPAIN	34	8	0	0
JAPAN	40	7	0	0
OTHER	34	7	27	5
TOTAL	55,586	$10,793	8,759	$1,517

1381000 CARROTS, FROZEN --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	3,199	829	1,189	380
CANADA	2,609	734	0	0
ARAB EM	858	148	667	129
TRINID	559	118	0	0
FINLAND	429	86	0	0
PANAMA	186	45	0	0
U KING	202	22	168	18
HG KONG	74	15	50	6
KUWAIT	98	15	48	8
ANGOLA	54	13	0	0
O W AF	47	11	0	0
AUSTRAL	13	6	0	0
OTHER	18	4	18	4
TOTAL	8,344	$2,046	2,140	$545

1353100 CAULIFLOWER, FRESH OR CHILLED--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	34,544	9,231	0	0
U KING	39	34	12	13
HG KONG	55	19	55	19
KUWAIT	30	12	30	12
S ARAB	17	10	17	10
NETHLDS	38	10	38	10
OTHER	26	7	0	0
TOTAL	34,749	$9,324	152	$65

1353300 CELERY, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	93,257	12,495	0	0
HG KONG	11,730	1,936	11,730	1,936
TAIWAN	3,259	613	3,259	613
SINGAPR	1,361	240	1,361	240
SWEDEN	862	186	342	59
U KING	807	168	276	81
MEXICO	975	162	975	162
NETHLDS	472	86	12	2
MALAYSA	125	22	125	22
JAPAN	19	9	19	9
KUWAIT	28	6	28	6
OTHER	81	13	61	8
TOTAL	112,975	$15,937	18,188	$3,139

1354000 GARLIC, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
OPAC IS	989	520	989	520
AUSTRAL	793	473	793	473
CANADA	805	369	0	0
TRINID	353	221	0	0
FR P IS	292	217	292	217
U KING	243	156	243	156
DOM REP	234	140	0	0
S ARAB	129	97	129	97
HONDURA	80	92	0	0
ARAB EM	160	77	160	77
HAITI	201	74	0	0
LW WW I	122	74	0	0
JORDAN	118	54	118	54
ISRAEL	25	42	0	0
PANAMA	139	32	0	0
PORTUGL	32	25	0	0
BARBADO	50	24	0	0
SURINAM	32	22	0	0
N ANTIL	98	22	0	0
COLOMB	92	16	0	0
F W IND	6	12	0	0
MEXICO	51	11	45	10
SINGAPR	19	10	19	10
OTHER	33	11	26	8
TOTAL	5,100	$2,792	2,814	$1,621

1405100 GARLIC, DRIED, ETC., EXC. FLOUR--LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	2,751	1,433	0	0
U KING	928	742	424	303
AUSTRAL	547	636	514	596
W GERM	753	604	721	582
VENEZ	247	324	144	201
JAPAN	226	271	226	271
SWEDEN	192	211	147	157
FINLAND	195	196	181	181
BRAZIL	249	179	0	0
ISRAEL	146	133	137	126
BELGIUM	183	104	118	61
NETHLDS	173	98	173	98
SWITZLD	102	84	86	62
OPAC IS	212	67	212	67
REP SAF	54	66	41	46
DENMARK	66	64	44	44
SINGAPR	25	56	25	56
SPAIN	72	36	0	0
MEXICO	34	36	0	0
DOM REP	19	27	9	12
FRANCE	48	24	48	24
NORWAY	21	21	21	21
N ZEAL	17	21	17	21
JAMAICA	10	20	0	0
PHIL R	10	15	10	15
C RICA	7	15	0	0
SALVADR	10	14	10	14
COLOMB	9	13	0	0
HAITI	29	10	0	0
HG KONG	7	8	7	8
TRINID	8	8	0	0
LW WW I	10	8	0	0
ITALY	13	7	13	7
OTHER	2	3	2	3
TOTAL	7,374	$5,554	3,330	$2,976

TABLE 6 AGRICULTURAL EXPORTS U S AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

1354300 LETTUCE, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U S NET QUANTITY	 U S NET VALUE	 CAL PORTS QUANTITY	 CAL PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
CANADA	293,859	40,090	11	9
HG KONG	24,930	4,632	24,930	4,632
U KING	4,435	1,595	716	356
N ANTIL	2,707	573	0	0
TAIWAN	1,635	325	1,465	311
KUWAIT	950	249	924	245
SINGAPR	540	109	540	109
MEXICO	622	96	568	89
BAHAMAS	262	76	0	0
SWEDEN	70	45	0	0
BELGIUM	29	15	0	0
JAPAN	69	14	69	14
S ARAB	69	13	69	13
CAYMAN	52	12	0	0
FR P IS	21	6	21	6
BELIZE	43	6	0	0
BERMUDA	32	5	0	0
LW WW I	8	5	0	0
JORDAN	11	5	0	0
TOTAL	330,342	$47,870	29,311	$5,784

1354500 ONIONS,FRSH OR CHLLD,EX SETS--LB

COUNTRY OF DESTINATION	U S NET QUANTITY	U S NET VALUE	CAL PORTS QUANTITY	CAL PORTS VALUE
CANADA	119,735	15,244	36	13
JAPAN	26,334	2,778	730	115
TAIWAN	15,089	1,522	198	31
HG KONG	10,136	1,175	6,358	744
PANAMA	8,263	836	7,188	685
U KING	2,354	670	965	370
MEXICO	5,479	557	3,763	376
AUSTRAL	2,211	339	2,211	339
SINGAPR	2,091	225	1,071	101
SWEDEN	694	117	0	0
FR P IS	841	98	841	98
BARBADO	325	89	0	0
BAHAMAS	217	62	0	0
N ANTIL	271	59	0	0
HONDURA	391	48	0	0
DOM REP	240	36	0	0
BERMUDA	259	32	0	0
TRINID	96	31	0	0
BELIZE	193	28	0	0
GUINEA	110	22	0	0
CAYMAN	82	16	0	0
NETHLDS	39	15	0	0
OPAC IS	100	11	75	9
ARAB EM	86	10	86	10
MALAYSA	42	9	0	0
OTHER	148	20	89	13
TOTAL	195,826	$24,048	23,611	$2,904

1403300 ONIONS,DRIED,ETC ,EXC FLOUR--LB

COUNTRY OF DESTINATION	U S NET QUANTITY	U S NET VALUE	CAL PORTS QUANTITY	CAL PORTS VALUE
JAPAN	9,997	6,034	5,257	5,244
U KING	6,107	5,065	3,835	3,244
W GERM	5,737	4,796	4,991	4,101
CANADA	4,363	4,261	0	0
AUSTRAL	2,844	2,783	2,842	2,780
NETHLDS	1,676	1,322	1,354	1,049
SWEDEN	1,389	1,310	1,181	1,131
SWITZLD	1,572	1,216	1,549	1,189
SPAIN	1,392	1,056	1,392	1,056
NORWAY	843	776	778	708
FINLAND	693	642	467	427
DENMARK	324	309	260	254
BELGIUM	390	258	286	183
N ZEAL	215	223	215	223
BRAZIL	111	215	0	0
DOM REP	205	185	198	176
IRELAND	237	169	159	102
INDNSIA	212	165	212	165
REP SAF	157	156	151	148
COLOMB	164	155	0	0
PHIL R	140	151	138	149
ITALY	215	139	215	139
KENYA	110	96	0	0
PORTUGL	129	93	129	93
ISRAEL	107	84	101	77
GUATMAL	149	77	0	0
SALVADR	80	73	80	73
FRANCE	104	68	104	68
SINGAPR	98	54	98	54
PANAMA	44	42	14	11
MALAYSA	53	41	53	41
MEXICO	35	35	0	0
HG KONG	39	31	37	28
C RICA	23	28	0	0
AUSTRIA	38	25	38	25
GREECE	37	25	24	16
OPAC IS	45	8	45	8
THAILND	10	8	10	8
JAMAICA	7	7	0	0
TAIWAN	5	6	5	6
OTHER	12	12	0	0
TOTAL	40,108	$32,200	26,217	$22,980

1354700 PEPPERS, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U S NET QUANTITY	U S NET VALUE	CAL PORTS QUANTITY	CAL PORTS VALUE
CANADA	44,986	7,403	0	0
HG KONG	837	197	837	197
U KING	1,031	183	3	2
NETHLDS	554	120	0	0
FRANCE	159	87	0	0
MEXICO	442	58	265	27
W GERM	120	19	0	0
AUSTRAL	41	7	41	7
OTHER	39	13	0	0
TOTAL	48,208	$8,086	1,146	$233

1354940 POTATOES, WHITE, FR EX SEED --LB

COUNTRY OF DESTINATION	U S NET QUANTITY	U S NET VALUE	CAL PORTS QUANTITY	CAL PORTS VALUE
CANADA	89,451	17,069	0	0
MEXICO	3,072	380	1,062	107
BAHAMAS	1,080	206	0	0
HG KONG	658	106	239	50
BARBADO	274	59	0	0
SINGAPR	239	44	110	21
TRINID	125	39	0	0
N ANTIL	129	23	0	0
S ARAB	68	17	0	0
HONDURA	74	15	0	0
OPAC IS	110	11	110	11
BERMUDA	43	11	0	0
LW WW I	56	10	0	0
GUINEA	41	9	0	0
SWEDEN	42	9	0	0
DOM REP	39	6	0	0
OTHER	12	5	0	0
TOTAL	95,513	$18,018	1,521	$190

1355300 TOMATOES, FRESH OR CHILLED --LB

COUNTRY OF DESTINATION	U S NET QUANTITY	U S NET VALUE	CAL PORTS QUANTITY	CAL PORTS VALUE
CANADA	138,954	40,067	0	0
HG KONG	5,303	1,665	5,303	1,665
BAHAMAS	392	142	0	0
MEXICO	154	41	0	0
TAIWAN	44	35	44	35
N ANTIL	84	31	0	0
U KING	57	26	5	2
LW WW I	42	19	0	0
CAYMAN	39	16	0	0
FR P IS	24	13	24	13
SWITZLD	26	13	0	0
ARGENT	40	12	40	12
GUINEA	25	6	0	0
OTHER	42	17	22	7
TOTAL	145,224	$42,103	5,438	$1,734

1412220 TOMATO PULP (PUREE), CANNED --LB

COUNTRY OF DESTINATION	U S NET QUANTITY	U S NET VALUE	CAL PORTS QUANTITY	CAL PORTS VALUE
JAPAN	1,098	407	1,098	407
HAITI	502	242	0	0
ITALY	82	132	0	0
MALAYSA	237	84	237	84
CANADA	265	68	0	0
SINGAPR	114	49	114	49
U KING	65	18	0	0
BRUNEI	42	18	42	18

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
S ARAB	36	12	36	12
SO KOR	32	8	32	8
SPAIN	17	5	0	0
OTHER	16	8	4	2
TOTAL	2,506	$1,052	1,563	$581
1412240	TMTO SC, EX CTSP & CHILI SC --LB			
CANADA	2,332	676	0	0
JAPAN	1,410	533	1,394	523
FR P IS	596	224	596	224
MEXICO	525	162	0	0
HG KONG	236	111	206	102
BERMUDA	204	111	0	0
S ARAB	284	110	49	20
AUSTRAL	251	105	251	105
SINGAPR	88	46	74	40
ISRAEL	62	26	0	0
N ANTIL	59	23	0	0
HAITI	57	23	0	0
	44	15	44	15
U KING	41	14	35	11
MALAYSA	26	14	26	14
BAHRAIN	44	14	44	14
DENMARK	18	11	0	0
W GERM	35	11	35	11
BARBADO	28	9	0	0
NETHLDS	23	7	0	0
SO KOR	23	7	23	7
BELGIUM	12	7	0	0
N ZEAL	19	6	19	6
OTHER	63	28	15	6
TOTAL	6,479	$2,291	2,811	$1,095
1412260	TOMATO PASTE, CANNED		--LB	
CANADA	15,226	5,340	0	0
HAITI	1,604	730	123	58
SO KOR	954	407	954	407
JAPAN	720	336	693	315
HONDURA	441	176	0	0
HG KONG	275	127	275	127
SINGAPR	209	102	202	96
N ANTIL	144	100	0	0
FRANCE	142	60	0	0
LW WW I	85	57	0	0
JAMAICA	145	51	108	33
BERMUDA	106	47	0	0
MALAYSA	64	26	64	26
BAHAMAS	31	23	0	0
S ARAB	59	22	59	22
NETHLDS	39	19	26	9
U KING	44	16	21	7
INDNSIA	21	15	21	15
TAIWAN	35	14	35	14
PHIL R	14	11	14	11
MEXICO	21	6	0	0
BARBADO	12	6	0	0
OTHER	49	29	22	11
TOTAL	20,440	$7,721	2,618	$1,150
1412280	TOMATOES, CANNED, NSPF		--LB	
CANADA	4,164	1,184	0	0
JAPAN	821	273	821	273
N ANTIL	396	116	0	0
BERMUDA	302	115	0	0
SINGAPR	263	81	263	81
TAIWAN	1,026	59	1,026	59
S ARAB	135	39	135	39
BELGIUM	189	30	0	0
AUSTRAL	109	28	109	28
FR P IS	71	27	71	27
HG KONG	54	21	54	21
LW WW I	46	19	0	0
COLOMB	42	15	0	0
SPAIN	90	13	0	0
U KING	47	13	0	0
BAHAMAS	25	11	0	0
BARBADO	29	11	0	0
REP SAF	34	10	0	0

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
KUWAIT	55	10	43	5
ARAB EM	23	9	23	9
SO KOR	30	7	30	7
ITALY	25	6	0	0
BELIZE	17	6	0	0
PANAMA	13	5	0	0
OTHER	35	17	23	10
TOTAL	8,040	$2,125	2,598	$559
1663020	TOMATO JUICE & MIX VEG JUICE--GAL			
HG KONG	283	689	282	687
JAPAN	169	564	105	365
ECUADOR	140	387	0	0
HAITI	160	342	0	0
S ARAB	104	223	82	175
SINGAPR	85	212	85	210
CANADA	112	129	0	0
SO KOR	47	80	47	80
ARAB EM	30	69	4	11
DOM REP	19	66	0	0
MALAYSA	24	65	24	65
SWITZLD	23	61	4	8
BAHRAIN	22	60	1	4
SWEDEN	29	59	29	59
QATAR	21	58	0	0
KUWAIT	21	36	11	12
BARBADO	12	32	0	0
LIBERIA	8	29	0	0
TAIWAN	9	29	9	29
MEXICO	28	23	19	10
OMAN	8	22	2	6
INDNSIA	9	16	9	16
N ANTIL	10	15	0	0
NORWAY	6	15	2	7
U KING	4	12	0	0
GREECE	4	10	0	0
REP SAF	2	8	0	0
LW WW I	4	7	0	0
HONDURA	2	7	0	0
DENMARK	3	6	0	0
BERMUDA	3	6	0	0
OTHER	8	27	5	16
TOTAL	1,411	$3,363	720	$1,759
1824420	CATSUP AND CHILI SAUCE		--LB	
HG KONG	7,372	2,895	7,372	2,895
JAPAN	4,329	1,704	4,216	1,687
CANADA	3,822	907	0	0
S ARAB	1,378	602	72	30
FR P IS	762	377	762	377
N ANTIL	762	289	0	0
BAHAMAS	550	238	0	0
KUWAIT	669	237	421	121
SINGAPR	553	224	553	224
NETHLDS	813	189	0	0
BERMUDA	314	144	0	0
LW WW I	156	74	0	0
PANAMA	164	73	0	0
ARAB EM	205	72	0	0
SWEDEN	207	71	161	60
TAIWAN	143	62	113	47
INDNSIA	163	45	163	45
DENMARK	79	33	79	33
BARBADO	94	28	0	0
U KING	113	26	0	0
TRINID	110	25	0	0
BAHRAIN	67	21	0	0
HONDURA	50	20	0	0
PHIL R	89	20	89	20
SO KOR	67	20	67	20
ECUADOR	31	18	0	0
HAITI	35	15	0	0
C RICA	21	13	0	0
	22	12	22	12
DOM REP	10	12	0	0
ISRAEL	51	11	0	0
OMAN	27	10	0	0
LIBERIA	34	10	0	0
THAILND	36	8	36	8

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
COLOMB	19	7	0	0
LEBANON	34	7	0	0
BELIZE	22	6	0	0
MALAYSA	26	6	26	6
MEXICO	26	6	10	2
CAYMAN	10	5	0	0
OTHER	17	9	9	5
TOTAL	23,450	$8,550	14,171	$5,591
1621700	SPICE AND SPICE SEEDS, NSPF --LB			
CANADA	3,865	5,685	2	4
W GERM	733	1,470	324	928
JAPAN	788	1,222	591	975
U KING	860	1,085	561	554
MEXICO	1.006	1,054	783	734
SWEDEN	368	623	320	448
BAHAMAS	398	604	0	0
VENEZ	426	591	0	0
NETHLDS	461	456	88	136
DOM REP	326	451	0	0
FRANCE	261	414	179	233
S ARAB	153	414	0	0
C RICA	246	395	0	0
AUSTRAL	190	385	176	354
SO KOR	200	379	59	140
PANAMA	183	330	0	0
SINGAPR	92	309	66	239
HG KONG	186	300	184	292
KUWAIT	123	292	118	283
N ANTIL	221	238	0	0
TAIWAN	256	210	215	105
REP SAF	254	206	223	158
JAMAICA	182	184	0	0
BRAZIL	18	162	0	0
LIBERIA	79	161	0	0
SWITZLD	69	155	63	124
PHIL R	74	131	72	126
FINLAND	76	126	47	62
THAILND	31	116	27	83
SURINAM	43	99	0	0
N ZEAL	45	84	42	70
SALVADR	47	76	22	23
SPAIN	49	68	0	0
CHINA M	35	56	0	0
INDNSIA	8	54	8	54
DENMARK	43	53	32	35
ISRAEL	28	49	0	0
LW WW I	64	49	0	0
BARBADO	32	48	0	0
TRINID	65	45	0	0
NORWAY	15	44	10	19
HAITI	17	38	0	0
TURKEY	31	35	0	0
HONDURA	29	34	0	0
COLOMB	12	29	0	0
INDIA	25	25	0	0
CAYMAN	15	24	0	0
IRELAND	-7	21	2	5
PARAGUA	1	21	0	0
ARGENT	22	16	0	0
CHILE	3	16	0	0
GREECE	3	15	0	0
	7	13	7	13
BAHRAIN	2	10	0	0
PERU	23	9	0	0
MALAYSA	1	6	0	0
CYPRUS	1	6	0	0
ECUADOR	1	5	0	0
OTHER	12	23	0	0
TOTAL	12,815	$19,218	4.222	$6,198
1921120	CUT FLOWERS, FRSH SPRAYS ETC--			
W GERM	0	1,580	0	2
CANADA	0	1,238	0	8
JAPAN	0	807	0	242
NETHLDS	0	682	0	5
ITALY	0	202	0	202
BAHAMAS	0	45	0	0
AUSTRIA	0	45	0	0
FINLAND	0	27	0	0
FRANCE	0	26	0	2

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SWITZLD	0	25	0	0
DOM REP	0	18	0	0
MEXICO	0	14	0	14
CAYMAN	0	13	0	0
S ARAB	0	12	0	0
BELGIUM	0	11	0	0
U KING	0	10	0	0
SO KOR	0	10	0	8
PARAGUA	0	7	0	0
LW WW I	0	7	0	0
AUSTRAL	0	6	0	0
N ANTIL	0	5	0	0
TAIWAN	0	5	0	4
OTHER	0	14	0	5
TOTAL	0	$4,811	0	$491
1921140	FOLIAGE, ORNAMENTAL PURPOSES --			
W GERM	0	8,957	0	4
NETHLDS	0	8,565	0	16
CANADA	0	2.377	0	19
JAPAN	0	2.249	0	263
SWITZLD	0	1,102	0	0
ITALY	0	264	0	32
PANAMA	0	200	0	0
U KING	0	178	0	0
FINLAND	0	175	0	0
MEXICO	0	168	0	32
SO KOR	0	109	0	101
TAIWAN	0	82	0	0
NORWAY	0	72	0	0
HG KONG	0	45	0	0
AUSTRIA	0	45	0	0
N ANTIL	0	41	0	0
TURKEY	0	40	0	0
BAHAMAS	0	37	0	0
YEMEN S	0	35	0	0
FRANCE	0	33	0	0
SPAIN	0	30	0	0
COLOMB	0	28	0	0
SWEDEN	0	22	0	0
BERMUDA	0	21	0	0
CAYMAN	0	21	0	0
DENMARK	0	18	0	0
SINGAPR	0	18	0	7
BELGIUM	0	15	0	0
PHIL R	0	15	0	0
JAMAICA	0	9	0	0
BAHRAIN	0	7	0	0
MALAYSA	0	5	0	0
OTHER	0	22	0	7
TOTAL	0	$25,006	0	$480
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC--			
CANADA	0	1,321	0	13
NETHLDS	0	711	0	192
MEXICO	0	535	0	472
JAPAN	0	249	0	175
SPAIN	0	207	0	74
U KING	0	109	0	12
W GERM	0	82	0	2
N ZEAL	0	57	0	55
C RICA	0	53	0	3
REP SAF	0	50	0	0
FRANCE	0	34	0	0
JAMAICA	0	24	0	0
TAIWAN	0	23	0	23
S ARAB	0	20	0	20
ARAB EM	0	19	0	19
EGYPT	0	17	0	17
VENEZ	0	16	0	0
SO KOR	0	15	0	15
PERU	0	11	0	0
PANAMA	0	9	0	0
SWITZLD	0	8	0	0
CHILE	0	8	0	8
GREECE	0	7	0	7
BELGIUM	0	7	0	0
OTHER	0	21	0	8
TOTAL	0	$3,614	0	$1,116

TABLE 6. AGRICULTURAL EXPORTS. U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	U.S. NET QUANTITY	CALENDAR YEAR 1987 U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
1255200	FRUIT AND NUT PLANTS, ETC		--	
CANADA	0	2,304	0	11
MEXICO	0	1,231	0	780
ITALY	0	726	0	726
JAPAN	0	702	0	702
SPAIN	0	519	0	372
BAHAMAS	0	233	0	0
PORTUGL	0	191	0	2
FRANCE	0	176	0	159
VENEZ	0	112	0	0
EGYPT	0	108	0	0
HONDURA	0	68	0	0
KENYA	0	57	0	57
NETHLDS	0	51	0	0
COLOMB	0	49	0	5
C RICA	0	48	0	18
TURKEY	0	45	0	45
JORDAN	0	40	0	0
JAMAICA	0	26	0	0
BAHRAIN	0	26	0	26
S ARAB	0	21	0	0
CHILE	0	16	0	16
GUATMAL	0	15	0	0
IRELAND	0	12	0	0
BERMUDA	0	10	0	0
TURK IS	0	8	0	0
ZAMBIA	0	7	0	7
OMAN	0	7	0	7
OTHER	0	11	0	5
TOTAL	0	$6,819	0	$2,940
1256500	ROSE PLANTS		--	
CANADA	0	1,651	0	28
MEXICO	0	1,190	0	1,190
GUATMAL	0	77	0	75
FRANCE	0	23	0	23
CHINA M	0	21	0	21
SPAIN	0	21	0	21
BOLIVIA	0	20	0	0
SINGAPR	0	15	0	15
COLOMB	0	14	0	0
ECUADOR	0	12	0	0
JAPAN	0	9	0	4
JAMAICA	0	8	0	0
OTHER	0	4	0	0
TOTAL	0	$3,064	0	$1,376
1258100	LIVE PLANTS, NSPF		--	
CANADA	0	14,242	0	160
NETHLDS	0	1,917	0	101
W GERM	0	1,202	0	512
MEXICO	0	730	0	339
JAPAN	0	530	0	305
BAHAMAS	0	469	0	0
S ARAB	0	421	0	321
BELGIUM	0	412	0	2
SPAIN	0	397	0	231
C RICA	0	378	0	3
U KING	0	366	0	40
N ANTIL	0	294	0	0
ITALY	0	247	0	113
DENMARK	0	228	0	12
CAYMAN	0	218	0	0
FRANCE	0	195	0	43
SWITZLD	0	191	0	3
JAMAICA	0	180	0	0
EGYPT	0	141	0	141
GUATMAL	0	100	0	5
BOLIVIA	0	80	0	0
LW WW I	0	75	0	0
COLOMB	0	70	0	0
KUWAIT	0	63	0	63
DOM REP	0	52	0	0
ECUADOR	0	47	0	0
ARGENT	0	46	0	23
VENEZ	0	45	0	0
PANAMA	0	44	0	0
TURK IS	0	40	0	0
BRAZIL	0	39	0	0
AUSTRAL	0	39	0	9
TAIWAN	0	35	0	4
GREECE	0	29	0	0
SO KOR	0	27	0	0
BERMUDA	0	25	0	0
IRELAND	0	24	0	0
FINLAND	0	19	0	16
SWEDEN	0	16	0	10
INDIA	0	14	0	14
FR P IS	0	14	0	0
F W IND	0	13	0	0
REP SAF	0	12	0	0
NIGERIA	0	10	0	10
N ZEAL	0	10	0	2
ISRAEL	0	8	0	8
NORWAY	0	8	0	8
HUNGARY	0	8	0	8
ZAIRE	0	7	0	7
HG KONG	0	6	0	0
OPAC IS	0	6	0	0
ICELAND	0	6	0	0
CHILE	0	6	0	2
BAHRAIN	0	6	0	6
BARBADO	0	5	0	0
OTHER	0	27	0	14
TOTAL	0	$23,839	0	$2,536
1264100	FLOWER SEED		--LB	
U KING	97	1,531	26	584
W GERM	51	1,208	38	658
CANADA	185	1,126	1	59
FRANCE	16	995	14	676
NETHLDS	58	972	33	680
DENMARK	7	502	4	326
AUSTRAL	17	358	10	221
JAPAN	54	306	50	254
SO KOR	3	229	1	110
SWITZLD	22	229	21	179
ARGENT	14	208	4	183
REP SAF	14	203	13	148
MEXICO	19	190	1	6
SWEDEN	9	113	7	34
S ARAB	1	65	1	13
N ZEAL	7	59	7	56
BAHAMAS	29	27	0	0
ISRAEL	1	27	1	24
PERU	2	24	2	19
TAIWAN	0	19	0	7
SPAIN	0	18	0	0
AUSTRIA	1	13	1	6
ITALY	0	13	0	8
C RICA	3	10	0	0
OMAN	0	8	0	0
FINLAND	1	7	1	3
GUATMAL	3	6	0	0
ECUADOR	1	6	0	0
OTHER	9	26	1	2
TOTAL	624	$8,498	237	$4,255
1271580	VEGETABLE SEEDS, NSPF		--LB	
ITALY	1,643	5,938	1,283	5,336
NETHLDS	2,367	5,343	542	2,051
JAPAN	1,772	4,157	383	1,570
MEXICO	1,091	3,264	194	523
CANADA	950	2,603	19	31
BRAZIL	515	2,425	445	2,206
IRAQ	1,086	2,284	0	0
ARGENT	1,278	2,220	722	1,817
VENEZ	309	1,859	75	404
S ARAB	391	1,789	346	1,578
FRANCE	298	1,579	187	1,148
U KING	1,105	1,348	229	673
EGYPT	234	1,264	101	452
DENMARK	391	1,123	135	584
TURKEY	1,684	1,121	44	314
AUSTRAL	215	1,085	202	921
JORDAN	164	1,070	48	262
SPAIN	146	822	137	771
REP SAF	294	794	136	553
PERU	154	742	154	725

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	U.S. NET QUANTITY	CALENDAR YEAR 1987 U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
SYRIA	162	741	48	346
W GERM	391	731	31	245
DOM REP	76	668	2	25
HG KONG	306	643	107	437
ISRAEL	146	625	30	234
PHIL R	69	592	69	591
LEBANON	119	577	30	119
GREECE	307	463	81	259
CHINA M	40	435	40	435
COLOMB	93	410	43	160
CHILE	65	383	31	190
ARAB EM	46	329	46	329
SWITZLD	89	296	89	295
C RICA	85	294	16	184
MOZAMBQ	55	281	0	0
ALGERIA	63	274	63	274
HAITI	39	265	0	0
GUATMAL	61	264	13	76
PAKISTN	62	251	62	251
THAILND	78	244	78	244
TRINID	38	241	0	0
ECUADOR	48	230	48	225
SRI LKA	35	224	35	224
PORTUGL	82	205	33	185
HONDURA	14	197	3	91
N ZEAL	68	181	55	146
SALVADR	31	155	30	139
JAMAICA	41	152	0	5
KUWAIT	46	143	45	141
TAIWAN	172	141	24	65
LW WW I	22	134	0	0
MOROC	38	133	26	87
OMAN	16	120	16	120
SUDAN	5	110	0	0
PARAGUA	18	99	18	97
AUSTRIA	29	93	8	48
QATAR	14	90	14	90
F W IND	11	84	0	0
PANAMA	7	81	5	46
UGANDA	15	77	11	57
URUGUAY	16	66	9	50
BOLIVIA	13	64	7	31
KENYA	13	61	7	20
TUNISIA	16	52	2	5
FR P IS	6	50	6	50
CYPRUS	13	49	12	41
BELGIUM	8	44	0	0
SWEDEN	9	39	2	19
SENEGAL	4	38	4	38
BARBADO	7	35	0	0
INDIA	3	33	3	33
BAHRAIN	5	32	5	32
SOMALIA	5	28	0	3
MAURIT	3	28	3	28
YEMEN S	5	27	0	0
GUYANA	3	20	0	0
OPAC IS	5	14	3	10
INDNSIA	1	9	1	9
DJIBUTI	1	7	1	7
BERMUDA	1	6	0	0
IVY CST	0	5	0	5
OTHER	11	21	5	10
TOTAL	19,356	$55,217	6,702	$28,772

1271590 SEEDS, NSPF --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
ITALY	20,577	8,015	598	1,314
MEXICO	2,680	4,868	708	1,196
JAPAN	1,553	2,379	956	1,464
NETHLDS	1,174	2,247	252	1,003
CANADA	1,349	1,813	6	73
S ARAB	2,878	1,007	323	705
BRAZIL	256	824	229	545
ARGENT	265	775	203	742
IRAQ	776	750	15	25
AUSTRAL	450	716	153	458
GUATMAL	94	685	47	480
EGYPT	111	655	27	252
VENEZ	178	589	0	0
W GERM	82	550	44	218
COLOMB	17[illegible]	508	69	176
U KING	386	481	311	293
SPAIN	217	360	204	268
FRANCE	292	339	186	258
PERU	127	338	100	304

COUNTRY OF DESTINATION	U.S. NET QUANTITY	CALENDAR YEAR 1987 U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
DENMARK	80	316	12	51
HONDURA	25	285	0	3
JAMAICA	76	277	0	0
ALGERIA	217	249	1	30
FINLAND	21	242	0	0
C RICA	73	241	8	73
HG KONG	211	237	97	133
ECUADOR	81	236	45	197
SYRIA	77	235	0	14
CHILE	127	200	44	86
JORDAN	98	192	42	107
GREECE	97	186	97	186
URUGUAY	31	176	31	168
SALVADR	28	158	16	72
CHINA M	11	138	11	138
DOM REP	76	129	0	0
N ZEAL	98	121	12	47
ARAB EM	9	118	8	24
PAKISTN	78	116	78	116
REP SAF	18	102	5	24
PANAMA	14	83	3	28
ISRAEL	48	83	8	42
TURKEY	12	77	3	22
TRINID	105	75	0	0
THAILND	14	70	14	70
LIBERIA	25	68	25	68
BOLIVIA	24	64	17	45
	15	63	0	0
PHIL R	7	60	7	60
TAIWAN	89	58	13	14
OMAN	11	57	11	57
BELGIUM	9	55	0	0
SRI LKA	13	40	13	40
SUDAN	6	37	2	10
PORTUGL	35	32	0	0
BAHAMAS	149	31	0	0
SWAZLND	21	30	0	0
MOROC	58	27	58	27
PARAGUA	4	19	3	14
BARBADO	15	19	0	0
AUSTRIA	9	19	6	16
SWEDEN	5	19	1	6
HAITI	3	16	0	0
INDNSIA	1	15	1	15
NIGERIA	0	11	0	11
SO KOR	2	8	2	8
QATAR	4	8	4	8
LW WW I	1	7	0	0
ZMBABWE	1	6	0	0
SWITZLD	3	6	0	0
F W IND	1	6	0	0
MALAWI	0	6	0	0
INDIA	4	5	4	2
OTHER	12	38	7	20
TOTAL	35,871	$33,071	5,140	$11,823

1004120 CATTLE,BEEF,BREEDING,MALE --NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	8	6,706	0	90
CANADA	1	866	0	0
THAILND	0	660	0	0
ECUADOR	0	420	0	0
JAPAN	1	352	0	34
IRAQ	0	270	0	0
COLOMB	0	199	0	0
DOM REP	0	166	0	0
REP SAF	0	139	0	0
SO KOR	0	120	0	0
HONDURA	0	55	0	0
PARAGUA	0	48	0	0
W GERM	0	43	0	0
ARGENT	0	34	0	0
ZMBABWE	0	27	0	0
PERU	0	24	0	0
NAMIBIA	0	21	0	0
PANAMA	0	19	0	0
TAIWAN	0	16	0	0
F W IND	0	15	0	0
JAMAICA	0	14	0	0
BERMUDA	0	12	0	0
SURINAM	0	11	0	0
OMAN	0	6	0	6
OTHER	0	4	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TOTAL	11	$10,247	0	$130

1911520 BULL SEMEN (BOVINE) --

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
ITALY	0	4,561	0	3,308
NETHLDS	0	3,702	0	1,670
W GERM	0	3,375	0	2,100
VENEZ	0	2,461	0	0
FRANCE	0	2,332	0	1,857
BRAZIL	0	2,064	0	29
MEXICO	0	1,487	0	40
HUNGARY	0	1,161	0	848
ARGENT	0	980	0	2
JAPAN	0	935	0	395
DENMARK	0	858	0	521
SWEDEN	0	857	0	716
S ARAB	0	820	0	0
CANADA	0	755	0	0
COLOMB	0	732	0	0
SWITZLD	0	654	0	213
AUSTRAL	0	617	0	373
BELGIUM	0	599	0	382
IRAN	0	568	0	0
USSR	0	535	0	227
SPAIN	0	511	0	305
SO KOR	0	476	0	255
REP SAF	0	472	0	206
U KING	0	460	0	0
CHILE	0	424	0	0
PERU	0	413	0	24
TAIWAN	0	336	0	180
PORTUGL	0	314	0	227
C RICA	0	254	0	11
THAILND	0	229	0	72
TURKEY	0	226	0	226
ECUADOR	0	165	0	23
URUGUAY	0	161	0	0
INDIA	0	149	0	0
EGYPT	0	92	0	0
N ZEAL	0	81	0	81
CHINA M	0	71	0	0
HONDURA	0	67	0	0
ZMBABWE	0	64	0	13
HG KONG	0	62	0	60
SALVADR	0	60	0	0
AUSTRIA	0	52	0	45
PHIL R	0	51	0	51
PAKISTN	0	50	0	0
DOM REP	0	49	0	0
PARAGUA	0	45	0	0
GUATMAL	0	44	0	0
PANAMA	0	42	0	0
CZECHO	0	33	0	33
MOROC	0	30	0	0
INDNSIA	0	29	0	22
GUYANA	0	20	0	0
ALGERIA	0	16	0	16
ZAMBIA	0	16	0	16
BOLIVIA	0	14	0	0
CYPRUS	0	14	0	14
YUGOSLV	0	13	0	13
POLAND	0	8	0	8
GREECE	0	8	0	8
ISRAEL	0	7	0	7
NEPAL	0	6	0	6
BOTSWAN	0	6	0	0
MALAYSA	0	5	0	5
OTHER	0	18	0	3
TOTAL	0	$35,715	0	$14,609

1004140 CATTLE, BEEF, BREEDING, FEMALE --NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	4	4,269	0	146
PERU	1	1,296	0	0
CANADA	2	1,002	0	0
BRAZIL	0	693	0	0
COLOMB	1	499	0	0
THAILND	0	234	0	0
TAIWAN	0	212	0	0
MOROC	0	183	0	0
JAPAN	0	123	0	0
HONDURA	0	95	0	0
PANAMA	0	89	0	0
PARAGUA	0	83	0	0
ECUADOR	0	66	0	0
SALVADR	0	62	0	0
DOM REP	0	44	0	0
REP SAF	0	28	0	0
ARGENT	0	17	0	0
SURINAM	0	14	0	0
NAMIBIA	0	13	0	0
BERMUDA	0	12	0	0
TOTAL	9	$9,034	0	$146

1004190 CATTLE, LIVE, NOT FOR BREEDING--NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
CANADA	28	12,121	0	0
MEXICO	26	11,233	0	64
JAPAN	7	7,059	1	1,145
PERU	0	1,038	0	0
VENEZ	0	780	0	0
FRANCE	0	263	0	0
IRAQ	0	176	0	0
HAITI	0	30	0	0
DOM REP	0	29	0	0
ARGENT	0	27	0	0
MOROC	0	22	0	0
COLOMB	0	20	0	0
MALAYSA	0	15	0	15
TOTAL	62	$32,813	1	$1,224

1061025 BEEF, CRCSS, W/BONE, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
BRAZIL	65,861	19,279	0	0
VENEZ	23,561	16,672	0	0
JAPAN	9,080	15,294	5,314	9,576
CANADA	3,985	8,487	0	0
MEXICO	4,931	3,878	50	60
BAHAMAS	1,459	3,158	0	0
S ARAB	1,076	2,572	0	0
DENMARK	544	1,586	0	0
HG KONG	611	1,477	242	647
W GERM	415	1,400	0	0
BERMUDA	501	1,204	0	0
SWITZLD	349	730	0	0
NETHLDS	354	724	0	0
KUWAIT	218	614	0	0
AUSTRIA	94	548	0	0
JORDAN	193	520	0	0
SO KOR	143	458	131	422
TAIWAN	132	452	64	239
SINGAPR	205	447	155	323
ARAB EM	138	406	0	0
GREECE	89	296	0	0
PHIL R	91	290	41	137
INDNSIA	125	249	37	104
BELGIUM	169	201	0	0
SWEDEN	54	166	0	0
U KING	53	139	0	0
EGYPT	48	139	0	0
TRINID	40	117	0	0
N ANTIL	64	96	0	0
BARBADO	39	93	0	0
ISRAEL	22	89	0	0
BAHRAIN	27	88	0	0
JAMAICA	25	83	0	0
LW WW I	29	64	0	0
THAILND	30	61	30	61
OMAN	27	54	0	0
ANGOLA	43	47	0	0
QATAR	9	45	0	0
CAYMAN	29	37	0	0
TURK IS	11	34	0	0
N ZEAL	13	31	13	31
	17	26	17	26
GUATMAL	11	25	0	0
CHILE	5	24	0	0
O W AF	54	24	0	0
BELIZE	10	20	0	0
FR P IS	12	20	12	20
	13	16	10	14
GIBRALT	31	15	0	0
	7	15	7	15
FRANCE	4	12	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	U.S. NET QUANTITY	CALENDAR YEAR 1987 U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
HONDURA	4	8	0	0
HAITI	14	8	0	0
GUYANA	3	7	0	0
OPAC IS	3	7	3	7
OTHER	4	10	0	0
TOTAL	115,082	$82,554	6,126	$11,682

1061060 BEEF, CRCSS, W/O BONE, FRESH --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	266,674	528,088	203,905	409,807
CANADA	16,338	36,038	0	0
NETHLDS	7,090	11,607	0	0
U KING	6,302	9,272	0	0
HG KONG	3,792	8,610	3,568	7,902
TAIWAN	3,381	7,533	2,850	6,385
BAHAMAS	3,913	6,023	0	0
AUSTRIA	1,185	5,620	0	0
SINGAPR	766	2,940	722	2,771
SWEDEN	849	2,596	1	3
W GERM	1,071	2,536	0	0
BERMUDA	952	2,451	0	0
SWITZLD	905	2,133	0	0
DENMARK	766	1,760	0	0
INDNSIA	553	1,548	537	1,487
CAYMAN	895	1,172	0	0
MEXICO	895	1,059	4	12
N ANTIL	584	1,000	0	0
SO KOR	297	934	297	934
S ARAB	211	916	98	208
MALAYSA	224	773	176	735
KUWAIT	151	589	18	27
BELGIUM	202	581	0	0
THAILND	181	429	141	409
BARBADO	174	374	0	0
PHIL R	59	280	59	280
FRANCE	184	275	20	51
EGYPT	44	258	0	0
	147	203	147	203
BAHRAIN	55	146	0	0
JAMAICA	133	133	0	0
SPAIN	47	131	0	0
LW WW I	38	116	0	0
	61	105	61	105
GREECE	35	100	0	0
	75	93	65	77
AUSTRAL	37	86	18	69
ISRAEL	53	65	0	0
BRAZIL	161	63	0	0
N ZEAL	16	59	16	59
TURK IS	13	57	0	0
TRINID	35	54	0	0
OPAC IS	18	49	18	49
FR P IS	7	39	7	39
ARAB EM	8	36	0	0
IVY CST	5	33	0	0
JORDAN	10	32	0	0
SURINAM	14	30	0	0
GHANA	40	30	0	0
PERU	55	25	0	0
SO P IS	5	25	0	0
ITALY	7	24	0	0
HAITI	39	20	0	0
C RICA	7	15	0	0
O W AF	17	15	0	0
ALGERIA	3	15	0	0
F W IND	8	12	0	0
LEBANON	3	11	0	0
BRUNEI	3	9	3	9
QATAR	1	9	0	0
HONDURA	4	6	0	0
TOTAL	319,794	$639,247	212,730	$431,622

1068200 BEEF TONGUES, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	24,914	39,005	16,951	26,580
FRANCE	22,868	27,291	0	0
BELGIUM	8,467	10,212	0	0
U KING	7,153	6,560	0	0
NETHLDS	2,399	2,607	0	0
ISRAEL	770	1,275	0	0
MEXICO	739	766	17	21
SWEDEN	206	217	0	0
JAMAICA	249	131	0	0
CANADA	125	125	0	0
CHILE	51	54	0	0
PORTUGL	20	26	0	0
HONDURA	24	25	0	0
SENEGAL	52	25	0	0
S ARAB	48	20	48	20
SO KOR	40	17	40	17
HG KONG	8	10	4	5
HAITI	15	7	0	0
COLOMB	7	5	0	0
OTHER	5	7	1	2
TOTAL	68,163	$88,396	17,061	$26,645

1068400 BEEF LIVER, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
EGYPT	38,757	10,439	0	0
FRANCE	20,856	7,503	0	0
JAPAN	14,073	6,182	8,730	3,884
MEXICO	5,994	2,424	148	77
ISRAEL	2,785	1,255	0	0
NETHLDS	3,260	1,183	0	0
SPAIN	3,421	993	0	0
U KING	1,109	698	0	0
CANADA	1,045	639	0	0
JAMAICA	1,940	571	0	0
BRAZIL	901	353	0	0
PORTUGL	812	268	0	0
C RICA	584	229	0	0
BELGIUM	235	123	0	0
SWEDEN	165	122	0	0
SINGAPR	185	90	135	81
CHILE	327	82	0	0
S ARAB	124	37	21	12
MALAYSA	173	34	45	10
COLOMB	57	30	0	0
HG KONG	46	26	46	26
F W IND	42	26	0	0
N ANTIL	61	21	0	0
BARBADO	37	18	0	0
O W AF	29	17	0	0
PHIL R	40	13	40	13
IVY CST	47	13	0	0
REP SAF	33	10	0	0
TRINID	12	10	0	0
LW WW I	60	6	0	0
OTHER	14	6	0	0
TOTAL	97,223	$33,422	9,166	$4,104

1068600 BEEF OFFAL, NSPF, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	79,973	94,802	67,242	81,260
CANADA	18,513	19,699	0	0
FRANCE	18,346	18,806	0	0
U KING	37,215	15,641	20	11
MEXICO	43,698	12,611	7,556	2,584
NETHLDS	7,153	3,207	0	0
HG KONG	2,495	2,135	1,998	1,680
ISRAEL	3,117	2,080	0	0
JAMAICA	5,539	899	0	0
DENMARK	1,442	1,551	0	0
BELGIUM	2,646	1,484	0	0
SPAIN	2,183	1,219	0	0
BRAZIL	2,972	1,197	0	0
EGYPT	3,943	915	0	0
TAIWAN	539	527	507	488
F W IND	785	431	0	0
W GERM	371	399	0	0
PERU	932	398	42	8
INDIA	477	372	41	28
KUWAIT	274	290	84	59
MALAYSA	123	259	123	259
ITALY	539	252	0	0
SWEDEN	219	232	0	0
GUINEA	132	225	0	0
BAHAMAS	125	206	0	0
VENEZ	135	194	0	0
PORTUGL	566	178	0	0
N ANTIL	294	162	0	0
DOM REP	155	132	0	0
O W AF	326	105	0	0
REP SAF	173	102	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TRINID	54	88	0	0
S ARAB	87	75	49	17
SWITZLD	222	72	0	0
HAITI	119	70	0	0
THAILND	28	62	0	0
SINGAPR	40	59	40	59
PANAMA	121	56	0	0
URUGUAY	14	47	0	0
LW WW I	34	44	0	0
FR P IS	24	35	24	35
TOGO	49	20	0	0
IVY CST	42	11	0	0
SENEGAL	31	11	0	0
COLOMB	11	10	0	0
SO P IS	40	10	0	0
GREECE	32	9	0	0
SO KOR	32	8	32	8
BARBADO	4	7	0	0
	3	6	3	6
TURK IS	2	6	0	0
OTHER	9	12	3	5
TOTAL	236,397	$182,429	77,761	$86,508

1073820 BEEF, EX CROSS, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	2,505	5,912	1,229	3,200
BAHAMAS	2,432	3,343	0	0
N ANTIL	1,494	2,750	0	0
CANADA	1,165	2,683	0	0
BERMUDA	600	1,988	0	0
MEXICO	2,891	1,872	9	16
AUSTRIA	138	657	0	0
KUWAIT	209	611	0	0
DENMARK	162	578	0	0
	515	558	45	51
NETHLDS	136	498	0	0
TAIWAN	293	462	51	119
LW WW I	243	455	0	0
SWITZLD	173	428	0	0
GHANA	197	313	0	0
TRINID	188	296	0	0
BARBADO	115	275	0	0
	187	189	169	177
HG KONG	101	188	39	60
JORDAN	36	145	0	0
SWEDEN	74	142	0	0
ISRAEL	151	132	0	0
SINGAPR	52	108	9	11
	115	104	115	104
JAMAICA	102	103	0	0
W GERM	27	102	0	0
S ARAB	53	99	0	0
FRANCE	43	92	0	0
TURK IS	18	77	0	0
BELIZE	32	64	0	0
U KING	35	59	0	0
PANAMA	52	59	0	0
HAITI	45	56	0	0
SO KOR	15	45	5	21
LIBERIA	22	35	0	0
EGYPT	10	33	0	0
C RICA	76	27	0	0
INDNSIA	23	25	23	25
CAYMAN	5	25	0	0
FR P IS	12	23	12	23
AUSTRAL	3	22	3	22
ARAB EM	17	22	0	0
SURINAM	6	20	0	0
SPAIN	3	16	0	0
OMAN	12	13	0	0
O W AF	6	9	0	0
PHIL R	2	8	2	8
COLOMB	6	6	0	0
DOM REP	1	5	0	0
OTHER	2	6	0	0
TOTAL	14,811	$25,739	1,710	$3,837

1201400 CATTLE HIDES, WHOLE --PC

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
SO KOR	10,141	577,469	5,173	299,415
JAPAN	5,929	332,600	4,027	230,460
TAIWAN	3,159	172,259	1,909	105,216
MEXICO	1,427	65,841	35	1,267
CANADA	829	36,003	1	68
ITALY	392	21,154	3	149
CZECHO	315	14,064	0	0
ROMANIA	292	12,920	0	0
CHINA M	208	10,612	14	623
BRAZIL	147	8,360	0	0
FRANCE	149	8,072	0	0
BELGIUM	142	7,454	0	0
SPAIN	144	6,895	0	0
HG KONG	106	5,429	89	4,550
YUGOSLV	80	4,707	0	0
PORTUGL	88	3,662	1	21
VENEZ	54	2,826	0	0
NETHLDS	50	2,535	0	0
W GERM	54	2,381	0	0
THAILND	37	2,053	34	1,889
POLAND	39	1,545	0	0
DOM REP	28	1,036	0	8
IRAQ	21	1,017	0	0
PERU	21	988	2	103
ISRAEL	19	980	0	0
TURKEY	14	678	0	0
HUNGARY	19	589	0	0
ALGERIA	9	530	0	0
COLOMB	9	314	0	0
MOROC	4	202	0	0
U KING	4	177	0	0
PHIL R	3	150	1	16
SALVADR	3	96	0	0
FINLAND	2	95	0	0
GREECE	1	88	0	0
SWEDEN	2	77	0	0
SO P IS	1	66	0	0
SWITZLD	2	65	0	0
MALAYSA	1	53	1	53
AUSTRAL	1	40	1	40
N ZEAL	1	29	0	0
LEBANON	0	23	0	0
GUATMAL	1	18	0	0
IRELAND	0	17	0	0
BAHAMAS	0	17	0	0
JAMAICA	0	10	0	0
OTHER	0	13	0	5
TOTAL	23,953	$1,306,209	11,291	$643,886

1004160 CATTLE, DAIRY, BREEDING, MALE --NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1	3,762	0	0
MEXICO	1	1,491	0	3
SPAIN	1	1,291	0	0
GUYANA	1	807	0	0
MOROC	1	690	0	0
PERU	0	622	0	0
TAIWAN	0	524	0	62
ECUADOR	0	378	0	0
VENEZ	0	361	0	0
CANADA	1	361	0	0
SO KOR	0	297	0	0
COLOMB	0	275	0	0
ARGENT	0	229	0	0
KUWAIT	0	205	0	0
DOM REP	0	198	0	0
SALVADR	0	110	0	0
HONDURA	0	66	0	0
SINGAPR	0	46	0	0
LW WW I	0	33	0	0
BRAZIL	0	32	0	0
BAHRAIN	0	27	0	0
IRAQ	0	26	0	0
EGYPT	0	17	0	0
TURKEY	0	10	0	0
GUATMAL	0	5	0	0
OTHER	0	14	0	0
TOTAL	6	$11,875	0	$65

1004180 CATTLE, DAIRY, BREEDING, FEMALE--NO

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
MEXICO	9	6,284	2	1,622
TURKEY	6	5,437	0	0
IRAQ	4	4,658	0	0
VENEZ	3	4,468	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U. S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U. S. NET QUANTITY	U. S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
TAIWAN	3	3,440	0	9
INDNSIA	6	3,021	0	0
HONDURA	3	2,282	0	0
CANADA	3	1,842	0	0
PERU	1	1,493	0	0
BRAZIL	1	1,368	0	117
MOROC	1	1,226	0	0
COLOMB	1	1,189	0	0
JAPAN	0	1,008	0	555
ECUADOR	1	923	0	0
S ARAB	0	528	0	419
THAILND	0	519	0	0
OMAN	0	429	0	429
EGYPT	0	402	0	0
KUWAIT	0	187	0	0
SALVADR	0	173	0	0
ARGENT	0	101	0	0
SURINAM	0	70	0	0
DOM REP	0	66	0	0
JORDAN	0	36	0	0
HG KONG	0	33	0	0
HUNGARY	0	32	0	0
GUATMAL	0	19	0	0
HAITI	0	13	0	0
LW WW I	0	9	0	0
GUYANA	0	6	0	0
OTHER	0	2	0	0
TOTAL	42	$41,262	3	$3,151

1054120 CHICKENS, YOUNG, WHOLE, FRESH --LB

COUNTRY OF DESTINATION	U. S. NET QUANTITY	U. S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
IRAQ	46,668	24,411	0	0
JAPAN	24,754	15,739	17,275	10,868
EGYPT	22,795	9,650	0	0
CANADA	12,778	6,759	50	31
MEXICO	2,968	1,537	158	77
DOM REP	3,240	1,341	0	0
N ANTIL	1,997	1,020	0	0
LW WW I	1,248	758	0	0
	1,453	714	1,453	714
BERMUDA	663	681	0	0
	1,217	643	338	161
HG KONG	879	549	679	441
CAYMAN	726	503	0	0
FR P IS	818	491	818	491
BAHAMAS	865	396	0	0
COLOMB	361	190	0	0
JAMAICA	560	188	0	0
U KING	166	180	0	0
SINGAPR	235	148	190	139
BARBADO	401	130	0	0
	244	124	244	124
GUYANA	161	104	0	0
NETHLDS	164	85	0	0
IVY CST	269	76	0	0
S ARAB	38	59	5	3
N ZEAL	100	54	3	2
F W IND	76	52	0	0
TURK IS	82	51	0	0
ANGOLA	51	47	0	0
GHANA	53	38	0	0
W SAMOA	41	28	41	28
SPAIN	40	27	0	0
KUWAIT	42	26	0	0
O W AF	70	23	0	0
HAITI	33	19	0	0
OPAC IS	22	16	22	16
SIER LN	17	14	0	0
HONDURA	42	14	0	0
TRINID	38	10	0	0
SO KOR	8	7	4	3
OTHER	2	2	2	2
TOTAL	126,388	$66,904	21,283	$13,099

1054140 CHICKENS, EX YOUNG, WHOLE --LB

COUNTRY OF DESTINATION	U. S. NET QUANTITY	U. S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
IRAQ	14,703	7,586	0	0
MEXICO	2,840	1,246	75	29
CANADA	2,220	1,048	0	0
NETHLDS	841	972	322	389
JAMAICA	2,188	905	0	0
EGYPT	1,845	733	0	0
JAPAN	730	398	721	393
HG KONG	449	182	447	180
SPAIN	340	174	0	0
N ANTIL	269	172	0	0
LW WW I	87	129	0	0
BAHAMAS	184	93	0	0
FR P IS	106	76	106	76
	94	51	94	51
S ARAB	75	43	0	0
SINGAPR	46	40	46	40
W GERM	27	40	0	0
ARAB EM	49	39	0	0
HAITI	95	36	0	0
	44	26	0	0
BAHRAIN	23	24	0	0
BERMUDA	21	21	0	0
PANAMA	74	19	0	0
GHANA	23	17	0	0
KUWAIT	15	15	0	0
JORDAN	43	13	0	0
O W AF	31	11	0	0
TAIWAN	51	10	0	0
LIBERIA	23	7	0	0
OTHER	11	7	0	0
TOTAL	27,548	$14,132	1,811	$1,158

1054160 CHICKEN PIECES, FRESH, ETC. --LB

COUNTRY OF DESTINATION	U. S. NET QUANTITY	U. S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	146,445	74,839	110,388	58,959
HG KONG	119,235	52,606	43,364	19,982
IRAQ	67,551	27,433	0	0
SINGAPR	52,097	24,304	23,701	11,575
CANADA	33,322	19,630	0	0
MEXICO	24,664	11,549	5,901	2,876
LW WW I	22,014	10,894	0	0
EGYPT	33,055	10,550	0	0
N ANTIL	15,946	9,618	0	0
JAMAICA	41,106	9,094	0	0
FR P IS	10,067	5,854	9,125	5,357
SPAIN	11,177	4,901	0	0
S ARAB	4,570	3,167	31	27
BERMUDA	2,108	1,943	0	0
KUWAIT	1,883	1,303	0	0
REP SAF	1,816	1,154	0	0
BAHAMAS	1,832	1,112	0	0
ARAB EM	2,222	906	0	0
COLOMB	1,865	818	0	0
W GERM	2,400	748	0	0
BARBADO	1,977	727	0	0
BRUNEI	1,232	591	904	466
NETHLDS	1,514	526	0	0
TAIWAN	2,185	476	692	110
FRANCE	1,227	460	0	0
	607	280	119	66
INDNSIA	112	272	112	272
	473	269	473	269
SWITZLD	355	222	0	0
W SAMOA	554	218	554	218
U KING	582	214	0	0
BAHRAIN	305	214	51	43
TRINID	569	210	0	0
F W IND	233	184	0	0
DOM REP	357	160	0	0
HONDURA	338	111	0	0
HAITI	360	99	0	0
O W AF	385	96	0	0
GAZA ST	137	94	49	29
JORDAN	93	81	0	0
CAYMAN	151	80	0	0
QATAR	99	66	0	0
OPAC IS	182	60	135	40
TURK IS	90	59	0	0
MALAYSA	110	56	61	36
CAMROON	139	45	0	0
SRI LKA	72	39	0	0
GIBRALT	44	35	0	0
SURINAM	88	32	0	0
BELGIUM	47	31	0	0
N ZEAL	51	31	0	0
ITALY	46	25	0	0
	47	24	47	24
GREECE	20	23	0	0
SWEDEN	64	23	0	0
TOGO	50	15	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000
THAILND	27	15	27	15
ARGENT	19	14	19	14
DENMARK	5	12	0	0
SENEGAL	48	11	0	0
BELIZE	17	10	0	0
OMAN	3	8	0	0
IVY CST	48	6	0	0
OTHER	24	18	0	0
TOTAL	610,463	$278,766	195,752	$100,378

1055120 TURKEYS, WHOLE, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
JAPAN	1,599	1,313	1,211	991
CANADA	1,184	890	0	0
HG KONG	555	402	64	46
FR P IS	679	337	679	337
PANAMA	429	294	0	0
TAIWAN	671	255	577	226
GREECE	240	200	0	0
KUWAIT	189	181	0	0
MEXICO	274	175	45	48
S ARAB	247	173	11	14
BAHAMAS	233	171	0	0
TRINID	248	161	0	0
SWITZLD	179	128	0	0
HAITI	236	122	0	0
BERMUDA	157	120	0	0
ARAB EM	95	84	0	0
EGYPT	120	72	0	0
ITALY	80	69	0	0
SO KOR	58	64	56	63
SINGAPR	39	54	39	54
LW WW I	52	52	0	0
THAILND	37	33	37	33
SALVADR	44	32	0	0
NORWAY	7	26	0	0
BELIZE	24	20	0	0
PHIL R	21	18	21	18
BAHRAIN	16	16	0	0
DOM REP	14	14	0	0
W GERM	39	13	0	0
JORDAN	14	13	0	0
	19	7	19	7
LIBERIA	20	7	0	0
O W AF	8	6	0	0
JAMAICA	7	6	0	0
HONDURA	6	6	0	0
OTHER	31	28	6	4
TOTAL	7,868	$5,564	2,765	$1,842

1055140 TURKEY PIECES, FRESH, ETC --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
W GERM	4,653	1,897	0	0
CANADA	2,432	1,609	0	0
MEXICO	1,572	906	23	15
TAIWAN	2,765	863	1,517	462
EGYPT	2,511	692	0	0
HG KONG	1,393	627	542	293
JAPAN	519	413	407	339
	1,224	371	1,224	371
JAMAICA	824	344	0	0
	1,108	327	85	27
W SAMOA	1,239	325	1,239	325
LW WW I	615	206	0	0
CAMROON	402	163	0	0
BAHAMAS	297	147	0	0
U KING	70	137	0	0
TOGO	444	131	0	0
HAITI	502	130	0	0
N ZEAL	64	127	64	127
O W AF	498	119	0	0
SENEGAL	434	99	0	0
SINGAPR	95	96	55	80
S ARAB	55	95	13	16
REP SAF	154	86	0	0
PANAMA	73	78	0	0
BERMUDA	50	76	0	0
KUWAIT	30	55	0	0
GABON	204	49	0	0
IVY CST	216	42	0	0
ITALY	41	41	0	0
BENIN	153	36	0	0
BARBADO	125	30	0	0
N ANTIL	48	27	0	0
TRINID	19	20	0	0
BELIZE	21	18	0	0
PHIL R	28	17	28	17
OPAC IS	29	16	29	16
NETHLDS	76	15	0	0
SPAIN	39	15	0	0
SO KOR	18	12	17	11
BAHRAIN	7	12	7	12
DENMARK	6	11	0	0
FRANCE	51	10	0	0
GIBRALT	32	10	0	0
LIBERIA	42	8	0	0
INDNSIA	9	7	9	7
DOM REP	28	6	0	0
OTHER	15	19	7	11
TOTAL	25,229	$10,538	5,266	$2,126

1155020 NONFAT DRY MILK, DONATED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
PHIL R	43,217	11,680	9,123	2,623
MEXICO	31,057	8,887	282	93
SRI LKA	21,983	6,002	0	0
BOLIVIA	16,394	4,283	0	0
HAITI	15,591	4,266	0	0
GUATMAL	14,595	4,023	1,467	465
U VOLTA	12,469	3,391	0	0
SALVADR	11,694	3,033	548	149
LEBANON	9,414	2,498	0	0
PERU	10,376	2,397	0	0
ETHIOP	8,850	2,271	0	0
CHILE	7,736	2,167	0	0
INDNSIA	7,539	2,051	2,557	696
ANGOLA	6,514	1,772	0	0
MOROC	6,469	1,762	0	0
HONDURA	5,758	1,566	0	0
IRAQ	4,928	1,481	0	0
MOZAMBQ	4,356	1,321	0	0
LESOTHO	3,866	1,040	0	0
MALAGAS	3,372	919	0	0
SENEGAL	3,139	854	0	0
ECUADOR	2,807	789	0	0
TOGO	2,689	731	0	0
EGYPT	2,463	670	0	0
SIER LN	2,295	624	0	0
RWANDA	2,120	577	0	0
TNZANIA	2,008	546	0	0
SOMALIA	1,924	523	0	0
JAMAICA	1,862	506	0	0
BENIN	1,788	486	0	0
GAMBIA	1,395	379	0	0
MAURITN	1,146	312	0	0
DOM REP	1,149	305	0	0
REP SAF	809	220	0	0
ISRAEL	789	167	0	0
GUYANA	2,473	124	0	0
MALI	551	101	0	0
TAIWAN	303	75	0	0
	84	68	84	68
SEYCHEL	234	64	0	0
ZAIRE	687	34	0	0
FR P IS	129	21	129	21
BRAZIL	104	17	0	0
OTHER	22	4	0	0
TOTAL	279,647	$75,009	14,190	$4,115

1155040 NONFAT DRY MILK, NOT DONATED --LB

COUNTRY OF DESTINATION	U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
BRAZIL	161,653	49,747	22,546	7,028
MEXICO	104,773	39,159	37	10
IRAQ	26,019	8,660	0	0
PHIL R	11,716	4,518	2,035	467
AUSTRIA	22,300	3,876	0	0
ALGERIA	7,670	3,062	0	0
JAMAICA	10,790	2,946	0	0
MOZAMBQ	8,983	2,443	0	0
THAILND	3,824	1,394	2,329	863
ISRAEL	1,946	1,019	0	0
EGYPT	2,592	1,007	0	0
MALAYSA	2,702	1,003	0	0
W GERM	1,681	939	0	0

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TABLE 6. AGRICULTURAL EXPORTS: U.S. AND CALIFORNIA PORT DISTRICT TOTALS, CALENDAR YEAR 1987

COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE	COUNTRY OF DESTINATION	CALENDAR YEAR 1987 U.S. NET QUANTITY	U.S. NET VALUE	CAL. PORTS QUANTITY	CAL. PORTS VALUE
	,000 UNITS	$,000	,000 UNITS	$,000		,000 UNITS	$,000	,000 UNITS	$,000
INDNSIA	2,054	783	28	54					
GUINEA	2,229	721	0	0					
SRI LKA	1,804	660	0	0					
TRINID	1,311	585	0	0					
IRAN	1,500	303	0	0					
HAITI	1,282	268	0	0					
CANADA	550	145	0	0					
SENEGAL	225	90	0	0					
TAIWAN	223	61	223	61					
CHILE	113	45	113	45					
PANAMA	64	44	0	0					
HG KONG	14	35	0	0					
ZAIRE	605	30	0	0					
SWEDEN	111	29	0	0					
SWITZLD	166	20	0	0					
SO KOR	20	19	20	19					
NIGERIA	12	14	0	0					
BAHAMAS	56	14	0	0					
ITALY	24	6	0	0					
OTHER	29	11	0	0					
TOTAL	379,042	$123,659	27,331	$8,546					
1180500	WHEY, DRIED		--LB						
JAPAN	19,979	7,299	14,459	4,894					
MEXICO	11,489	2,504	141	47					
CANADA	11,058	2,467	0	0					
REP SAF	5,290	1,887	0	0					
PHIL R	2,799	1,056	1,247	258					
VENEZ	1,377	808	0	0					
COLOMB	942	759	0	0					
AUSTRAL	1,912	750	798	515					
ARGENT	1,095	719	0	0					
TAIWAN	4,155	684	2,689	448					
INDNSIA	476	420	0	0					
U KING	856	320	0	0					
ECUADOR	270	175	0	0					
SO KOR	819	146	700	122					
NETHLDS	639	128	0	0					
IRELAND	165	123	0	0					
CHILE	370	87	0	0					
W GERM	59	64	44	51					
GUATMAL	312	61	0	0					
TRINID	102	52	0	0					
FRANCE	37	25	0	0					
THAILND	131	21	89	15					
PANAMA	41	15	0	0					
SWEDEN	13	7	0	0					
JAMAICA	12	7	0	0					
BELGIUM	34	7	0	0					
TOTAL	64,431	$20,593	20,167	$6,351					

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
ALGERIA	COUNTRY RANK 16										
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	17	3	15			4	15		
1155040	NONFAT DRY MILK,NOT DONATED	LB	8	7,670	3,062	7,808	3,062				
1201400	CATTLE HIDES, WHOLE	PC	12	9	530	595	530				
1271510	CANTALOPE SEED	LB	18	2	8			3	8	2	8
1271580	VEGETABLE SEEDS, NSPF	LB	13	63	274	88	261	1	13	63	274
1271590	SEEDS, NSPF	LB	14	217	249	216	219	1	30	1	30
1301040	BARLEY, OTHER THAN MALTING	BU	6	4,963	4,494	239,219	4,494				
1301700	BUCKWHEAT AND CANARY SEED	LB	15	802	184	823	184				
1303465	YELLOW CORN, NOT DONATED	BU	2	31,802	60,456	1,780,902	60,456				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	70,461	175,848	4,227,711	175,848				
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	10	25,656	2,413	25,709	2,413				
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	11	110	610	11,173	610				
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	7	518	3,125	53,281	3,125				
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	9	11,483	2,622	11,562	2,622				
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	4	26,018	5,037	26,022	5,037				
1775640	TALLOW, INEDIBLE	LB	3	46,991	7,282	46,991	7,282				
1911520	BULL SEMEN (BOVINE)		16	0	16			0	16		16
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	13	4,969	6,523	4,969				
	TOTALS FOR ALGERIA				$271,195	6,438,623	$271,113	9	$82		$328
BELGIUM	COUNTRY RANK 19										
1000210	CHICKENS, BREEDER STOCK,EGG	NO	93	11	65			1	65		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	92	47	68			6	68		
1000240	CHICKENS,LIVE,EXC BREEDER	NO	119	54	30			4	30		
1007100	HORSES FOR BREEDING	NO	65	0	127			5	127		
1007200	HORSES,NSPF,MULES,LIVE,ETC.	NO	69	0	116						
1009640	LIVE ANIMALS, NSPF		61	0	160			26	160		28
1054160	CHICKEN PIECES,FRESH, ETC.	LB	117	47	31	48	31				
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	100	45	50	45	50				
1057100	POULTRY LIVERS,FRESH, ETC	LB	108	60	42	61	42				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	52	169	201	170	166	8	35		
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	29	202	581	196	540	6	17		
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	176	0	2			0	2		
1065100	HORSEMEAT,CRCSS,FRESH,ETC	LB	4	25,898	24,722	22,879	19,712	3,456	3,787		
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	88	89	74	41	51				
1068200	BEEF TONGUES, FRESH, ETC	LB	6	8,467	10,212	8,842	10,212				
1068400	BEEF LIVER, FRESH, ETC	LB	66	235	123	246	123				
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	16	2,646	1,484	2,637	1,439	27	8		
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	64	252	130	261	130				
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	82	194	85	181	67	23	18		
1074600	BEEF & VEAL,EX SAUSAGE,NSPF	LB	143	8	11			10	11		
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	87	102	77	42	29	1	2		
1076600	MT & EDBL OFFL,PREP EX CANND	LB	81	58	90			69	90		
1155700	DRIED MILK AND CREAM, NSPF	LB	53	573	197						
1180500	WHEY, DRIED	LB	158	34	7			37	7		
1181200	INFNTS DIET SUPP,DRY MILK	LB	164	7	5						
1195100	SHELL EGGS FOR HATCHING	DOZ	171	0	3			1	3		
1196520	EGG ALBUMEN(WHITES),DRIED	LB	134	6	14	6	14				
1201400	CATTLE HIDES, WHOLE	PC	8	142	7,454	118	80				
1201740	WHOLE KIP SKINS	PC	101	2	49	40	27				
1201755	CATTLE HIDE CROUPONS ETC	PC	138	1	13	3	13				
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	91	326	69						
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	102	5	49	41	49			5	49
1202092	PIG AND HOG SKINS	NO	173	1	2			2	2		
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	90	7	71	47	71				
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		157	0	7			3	7		
1258100	LIVE PLANTS, NSPF		31	0	412	397	350	42	62		2
1260300	SUGAR BEET SEED	LB	148	14	9	14	9				
1264100	FLOWER SEED	LB	174	0	2			0	2		
1265700	MILLET	LB	32	6,870	395	4,909	259				
1268100	SPINACH SEED	LB	141	14	12	17	12				
1268700	TREE AND SHRUB SEEDS	LB	130	2	18			1	5		
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	166	1	4	1	4			1	4
1271580	VEGETABLE SEEDS, NSPF	LB	105	8	44			9	44		
1271590	SEEDS, NSPF	LB	98	9	55	7	21	0	2		
1303465	YELLOW CORN, NOT DONATED	BU	1	20,481	39,162	1,146,926	39,162				
1305520	RICE,HUSKED,BROWN,LONG GRAIN	LB	27	5,473	633	5,473	633				
1306000	RYE	BU	38	205	323	11,480	323				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	5	7,281	23,530	436,777	23,526				
1313015	LG GR PRBL HD RICE,NT RELIEF	LB	2	195,545	27,422	195,597	27,422				
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	35	4,571	379	4,571	379				
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	10	43,607	3,862	43,616	3,862				
1313040	HD RICE,MD GRN,X PRBL,NT DON	LB	79	631	101	636	101			511	84
1313050	HD RICE,SH GRN,X PRBL,NT DON	LB	116	163	31	164	31			163	31
1313060	HD RICE,MX GRN,X PRBL,NT DON	LB	48	5,782	222	5,782	222				
1313070	BROKEN RICE, NOT DONATED	LB	45	5,474	239	5,474	239				
1314030	WHEAT FLOUR,NSPF, DONATED	CWT	110	5	38	491	38				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	137	2	14						
1324020	CORNSTARCH, INCLUDING MILO	LB	123	60	27	61	27				
1324040	STARCHES, NSPF	LB	41	733	283			59	27		
1351800	ASPARAGUS, FRESH OR CHILLED	LB	167	3	4			3	4		
1352100	BEANS, FRESH OR CHILLED	LB	63	386	147						
1354300	LETTUCE, FRESH OR CHILLED	LB	131	29	15	32	15				
1354920	POTATOES, WHITE, FR FOR SEED	LB	145	39	10						

-- BELGIUM CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	172	3	2			3	2	3	2
1382000	CORN, SWEET, FROZEN	LB	60	472	161	488	161				
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	19	5,035	1,001	43	11				
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	26	3,238	645						
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	142	80	11						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	70	565	114						
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	84	423	81	427	81				
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	67	672	118						
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	58	624	166	628	166			585	155
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	155	39	7	39	7			39	7
1403100	BEANS, SEED	LB	85	146	78	147	78			39	24
1403500	LENTILS, DRIED, ETC	LB	78	514	101	516	101				
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	75	183	104	174	92			118	61
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	42	390	258	411	258			286	183
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	76	49	104	54	104			49	104
1410100	ASPARAGUS, CND, EXCL. PICKLED	LB	104	31	44	38	44				
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	149	14	8	14	8				
1410500	CORN, CANNED, EXCL. PICKLED	LB	72	348	110	41	6				
1412240	TMTO SC, EX CTSP & CHILI SC	LB.	156	12	7	12	7				
1412280	TOMATOES, CANNED, NSPF	LB	118	189	30	226	30				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	39	113	307	134	307				
1441000	MUSHROOMS, FRESH	LB	146	2	10			2	10	2	10
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	124	42	25	42	25				
1452200	PECANS, NOT SHELLD OR ROASTED	LB	168	4	4	4	4				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	24	1,045	818	1,063	818			264	196
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	9	3,350	4,896	3,483	4,896			2,569	3,694
1454900	PECANS, SHELLED, NOT BLANCHED	LB	43	118	256	119	256				
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	86	42	78	44	78			42	78
1456100	ALMONDS, PREPARED, PRESERVED	LB	13	1,212	2,369	1,290	2,299	24	70	869	1,727
1457547	OTHER NUTS, PREP OR PRESERVED	LB	59	83	162	99	162				
1459000	MIXTURES OF EDIBLE NUTS	LB	44	268	249	274	249				
1461000	APPLES, FRESH	LB	99	338	50	275	30				
1463500	AVOCADOS, FRESH	LB	73	171	106	73	33	113	74	104	74
1466500	BERRIES, FRESH, NSPF	LB	25	914	694	912	648	55	45		
1468520	CHERRIES, SWEET, FRESH	LB	94	113	59			5	5	2	2
1471500	GRAPEFRUIT, FRESH	LB	12	9,374	2,445	9,856	2,445			35	7
1471900	LEMONS, FRESH	LB	71	539	112	567	112			200	37
1472200	LIMES, FRESH	LB	122	118	27			121	27		
1473120	TANGERINES, FRESH	LB	95	263	59	272	59			150	34
1473130	TEMPLE ORANGES, FRESH	LB	77	477	103	498	103			261	57
1473140	ORANGES, FRESH, NSPF	LB	21	4,015	944	4,235	944			2,932	565
1476500	GRAPES, FRESH	LB	57	182	166	129	101	69	64	150	137
1482700	MELONS, FRESH, NSPF	LB	164	23	5			25	5	23	5
1493050	KIWIFRUIT, FRESH	LB	34	400	387	499	387			276	344
1497500	BERRIES, FROZEN, NSPF	LB	107	88	44	89	44				
1502200	APRICOTS PEACHES PEARS DRIED	LB	109	11	41	12	41			11	41
1504500	DATES, DRIED	LB	103	61	47	43	29	22	18	61	47
1506500	GRAPES (RAISINS), DRIED	LB	11	4,838	3,252	5,183	3,252			4,560	3,001
1508000	PRUNES, DRIED	LB	22	1,204	889	1,347	889			1,028	740
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	89	58	71	63	71			17	29
1512000	MARASCHINO CHERRIES, PREP	LB	120	30	28	36	28			30	28
1512520	CHERRIES, SWEET, NSPF, PREP	LB	115	117	32						
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	121	65	27	78	27			65	27
1516000	PEACHES AND NECTARINES, PREP	LB	177	3	2	3	2			3	2
1518500	FRUIT NSPF, PREP, PRESERVED	LB	49	515	221	598	221			479	204
1557000	HONEY	LB	51	301	210	334	210				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	128	17	22						
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	162	14	6						
1616100	MUSTARD SEEDS	LB	125	108	24						
1618100	RED PEPPER	LB	150	9	8						
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	126	29	24	44	24				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	151	7	8						
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	161	3	6	6	6				
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	136	15	14	38	14				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	46	180	234	489	234				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	74	89	106	151	106			66	84
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	154	6	7	12	7			6	7
1673100	STILL WINE NT OV 14% ALCOHOL	WG	14	330	1,778	3,001	1,677	29	10	309	1,675
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	56	25	168	343	164	30	4	21	139
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	133	3	15	37	15			0	2
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	159	33	7						
1756020	SAFFLOWER SEED	LB	37	1,016	326	720	282				
1769180	JOJOBA OIL, UNMIXED	LB	114	3	32	8	32			2	21
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	47	301	231	321	229	6	2	298	228
1775640	TALLOW, INEDIBLE	LB	17	9,803	1,292	9,803	1,292				
1777390	OTHER TALLOW, NSPF	LB	169	11	4	12	4				
1781140	VEG SALAD OIL, NOT RELIEF	LB	153	31	7	46	7				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	129	38	21						
1787020	BAKING FATS, MIX OF VEG OILS	LB	160	11	6	12	6				
1827000	WILD RICE CRUDE OR PROCESSED	LB	55	63	182	58	182				
1829420	POTATO CHIPS AND STICKS	LB	147	22	10	27	10				
1829740	MIXED SEASONINGS	LB	113	23	32						
1829752	VEGETABLE PROTEIN ISOLATES	LB	7	10,910	7,982	10,941	7,890				
1829754	VEG PRO CONCENTRATES, ETC	LB	62	265	157			5	3		
1829760	EDIBLE PREP, NSPF, CANNED	LB	80	90	96	28	29			1	13
1829780	EDIBLE PREPARATIONS, NSPF	LB	50	127	211	120	88	8	74	25	42
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	139	0	13	240	13				
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	33	4	395	8,967	395				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	36	3	342	6,863	342				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	68	747	117	765	117				
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	163	1	5			1	5	1	5
1848034	PET FOOD NSPF, RETAIL SALE	LB	83	144	83	153	78	1	5	1	5
1848035	POULTRY FEEDS, PREPARED	STN	106	0	44	21	44				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	23	6	876	27	179				

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						,000 LBS		,000 LBS			
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	54	1	195	856	115				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	140	2	12						
1865700	HAIR AND BRISTLES, NSPF	LB	97	79	58						
1911520	BULL SEMEN (BOVINE)		28	0	599			4	599		382
1912570	ANIMAL PRODUCTS, NSPF		135	0	14	38	14				
1920600	SEAWEED AND CARRAGEENIN	LB	175	1	2			1	2		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		144	0	11			3	11		
1921140	FOLIAGE, ORNAMENTAL PURPOSES		132	0	15	17	15				
1922520	HOP PELLETS	LB	40	107	305						
1922540	HOPS, OTHER	LB	30	128	415						
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	170	33	3	40	3				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	20	4,536	985	8,412	573				
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	96	0	58	83	58				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	3	85	26,620	42,489	26,620			12	3,923
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	15	5	1,637	2,569	1,637			4	1,363
3003021	COTTON LINTERS, OTHER	LB	18	7,516	1,030	7,725	1,030				
4523400	LEMON OIL	LB	112	10	34	11	31	0	3		
4524400	ORANGE OIL	LB	111	34	35	38	35			8	10
7482500	FLOWERS, CUT NATURAL, DRIED		127	0	23	19	17	2	5		5
7482900	OTHER DRIED PLANTS, N.S.P.F.		152	0	8	14	8				8
	TOTALS FOR BELGIUM				$213,104	2,038,806	$193,027	4,331	$5,628		$19,731
	BRAZIL COUNTRY RANK 23										
1000210	CHICKENS, BREEDER STOCK, EGG	NO	18	59	1,048			8	1,048		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	6	497	7,575			79	7,575		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	24	1,203	475			55	475		
1004140	CATTLE, BEEF, BREEDING, FEMALE	NO	20	0	693			266	693		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	63	0	32			7	32		
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	14	1	1,368			566	1,368	0	117
1007100	HORSES FOR BREEDING	NO	12	0	1,917			296	1,917		
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	22	0	483			83	483	0	39
1008200	SHEEP, LIVE	NO	95	0	2			8	2		
1009640	LIVE ANIMALS, NSPF		77	0	10			1	10		
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	3	65,861	19,279	67,089	19,279				
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	58	161	63	169	63				
1069200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	53	67	67	72	67				
1068400	BEEF LIVER, FRESH, ETC	LB	28	901	353	931	353				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	15	2,972	1,197	3,053	1,197				
1155020	NONFAT DRY MILK, DONATED	LB	71	104	17	106	17				
1155040	NONFAT DRY MILK, NOT DONATED	LB	1	161,653	49,747	164,098	49,747			22,546	7,028
1181200	INFNTS DIET SUPP, DRY MILK	LB	82	1	8			1	8		
1195100	SHELL EGGS FOR HATCHING	DOZ	21	57	661			75	661		
1195300	EGGS IN THE SHELL, NSPF	DOZ	34	79	238			8	238		
1201400	CATTLE HIDES, WHOLE	PC	5	147	8,360	8,299	8,360				
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	23	681	479	700	479				
1202047	GOAT AND KID SKINS	PC	54	4	65	5	6	9	59		
1202092	PIG AND HOG SKINS	NO	56	20	64	159	64				
1202095	OTHER HIDES AND SKINS, NSPF	NO	42	0	136			8	136		
1258100	LIVE PLANTS, NSPF		61	0	39			8	39		
1260140	ALFALFA SEED, CERTIFIED	LB	68	22	23	22	23			22	23
1260300	SUGAR BEET SEED	LB	79	6	9	7	9			6	9
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	62	24	36	25	36				
1261700	SEED, CARROT	LB	30	77	282	92	282			69	263
1265700	MILLET	LB	89	7	3	7	3			7	3
1266100	ONION SEED	LB	48	6	102	3	61	4	41	3	59
1267100	PEPPER SEED	LB	78	1	9	1	9			1	9
1267300	RADISH SEED	LB	96	1	2	1	2			1	2
1268700	TREE AND SHRUB SEEDS	LB	85	0	6			0	6		
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	65	16	26	16	26			14	22
1271510	CANTALOPE SEED	LB	66	4	25	6	25			4	25
1271515	CUCUMBER SEED	LB	25	51	440	64	440			51	440
1271530	LETTUCE SEED	LB	39	28	168	39	168			26	158
1271545	SQUASH SEED	LB	84	2	7	2	7			2	7
1271560	TOMATO SEED	LB	72	1	16	1	16			1	16
1271570	WATERMELON SEED	LB	37	36	205	47	205			36	205
1271580	VEGETABLE SEEDS, NSPF	LB	10	515	2,425	575	2,312	36	113	445	2,206
1271590	SEEDS, NSPF	LB	19	256	824	273	672	14	152	229	545
1303465	YELLOW CORN, NOT DONATED	BU	2	20,208	42,234	1,131,698	42,234				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	4	3,820	9,644	229,181	9,644				
1324020	CORNSTARCH, INCLUDING MILO	LB	51	102	74	96	65	12	9		
1324040	STARCHES, NSPF	LB	70	36	20	38	20				
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	38	249	179	239	167	26	12		
1405300	ONIONS, DRIED, ETC., EXC FLOUR	LB	35	111	215	117	215				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	94	1	2	1	2			1	2
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	83	11	7			13	7		
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	69	15	20	18	20				
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	50	75	83	78	83				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	49	114	90	117	90			21	15
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	81	7	9	5	7	2	2	5	7
1456100	ALMONDS, PREPARED, PRESERVED	LB	45	92	114	95	114			92	1
1457520	PISTACHIOS, PREP OR PRESRVD	LB	76	5	11	6	11			3	7
1457547	OTHER NUTS, PREP OR PRESERVED	LB	44	165	124	166	124				
1459000	MIXTURES OF EDIBLE NUTS	LB	74	7	14			8	14		
1461000	APPLES, FRESH	LB	33	1,103	251	1,223	251				
1476500	GRAPES, FRESH	LB	67	58	24	75	24				
1488500	PEARS, FRESH	LB	31	1,337	273	1,471	273				
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	88	2	3			2	3		
1504500	DATES, DRIED	LB	57	44	64	52	64			42	60
1506500	GRAPES (RAISINS), DRIED	LB	46	160	110	178	110			145	95

-- BRAZIL CONTINUED ON NEXT PAGE --

TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1508000	PRUNES, DRIED	LB	86	6	5	7	5			4	3
1512000	MARASCHINO CHERRIES, PREP	LB	91	2	2			3	2		
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	90	2	3	2	3				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	40	18	162	19	162				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	60	8	54	104	40	8	15	0	3
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	93	0	2			1	2		
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	87	14	3			25	3		
1769180	JOJOBA OIL, UNMIXED	LB	55	10	65	6	32	7	33	6	44
1775640	TALLOW, INEDIBLE	LB	32	1,776	260	1,780	260				
1775900	WOOL GREASE	LB	64	15	28	17	28				
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	92	1	2			1	2		
1825140	SOUPS, N S P F	LB	75	30	11	35	11				
1829420	POTATO CHIPS AND STICKS	LB	29	260	313	333	313				
1829740	MIXED SEASONINGS	LB	52	33	68	34	68				
1829752	VEGETABLE PROTEIN ISOLATES	LB	41	132	152	135	152			132	152
1829780	EDIBLE PREPARATIONS, NSPF	LB	47	89	104	107	102	0	2		
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	73	0	15	51	15				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	80	2	9	2	6	1	4		
1865700	HAIR AND BRISTLES, NSPF	LB	26	136	418	140	415	1	3		
1911520	BULL SEMEN (BOVINE)		11	0	2,064			25	2,064		29
1912520	PANCREAS GLANDS		16	0	1,120	873	950	31	169		
1912540	HOOVES, ANTLERS, NAILS, CLAWS		36	0	211	178	211				
1920600	SEAWEED AND CARRAGEENIN	LB	17	200	1,108	212	1,108				
1922520	HOP PELLETS	LB	8	3,342	4,334	3,510	4,334			33	63
1922540	HOPS, OTHER	LB	9	2,218	3,255	2,416	3,252	3	3	33	38
1923200	HOP EXTRACT AND LUPULIN	LB	13	673	1,556	744	1,556				
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	43	70	128	77	128				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	27	152	368	214	295	51	74		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	7	21	6,819	11,269	6,819			4	1,356
3003021	COTTON LINTERS, OTHER	LB	59	24	57	24	57				
	TOTALS FOR BRAZIL				$175,245	1,633,003	$157,767	1,755	$17,478		$13,161

CANADA COUNTRY RANK 3

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK, EGG	NO	223	385	609						
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	57	3,690	4,874			3	42		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	117	6,404	1,961			2	62		
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	228	725	553			21	33	12	21
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	331	98	83			0	2		
1001000	CHICKENS, DUCKS, ETC, NSPF	NO	47	2,931	5,798			7	2		
1004120	CATTLE, BEEF, BREEDING, MALE	NO	187	1	866						
1004140	CATTLE, BEEF, BREEDING, FEMALE	NO	175	2	1,002						
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	256	1	361						
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	122	3	1,842						
1004190	CATTLE, LIVE, NOT FOR BREEDING	NO	25	28	12,121						
1007100	HORSES FOR BREEDING	NO	306	0	125						
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	67	13	4,215			11	35		
1008200	SHEEP, LIVE	NO	144	24	1,398			26	10		
1008300	SWINE, LIVE	NO	262	1	333						
1009620	ANIMALS, LIVE, NSPF FOR FOOD	NO	178	59	925			0	3		
1009640	LIVE ANIMALS, NSPF		51	0	5,619			160	1,291		103
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	41	12,778	6,759	52	31	11	6	50	31
1054140	CHICKENS, EX YOUNG, WHOLE	LB	169	2,220	1,048						
1054160	CHICKEN PIECES, FRESH, ETC	LB	14	33,322	19,630			5	3		
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	182	1,184	890						
1055140	TURKEY PIECES, FRESH, ETC	LB	134	2,432	1,609						
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	203	900	744						
1057100	POULTRY LIVERS, FRESH, ETC	LB	347	92	55						
1058100	BIRD MEAT, CANNED	LB	378	24	17						
1058300	BIRD MEAT, PREP, EX CANNED	LB	40	7,015	6,788						
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	35	3,985	8,487			1	3		
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	5	16,338	36,038			44	89		
1061080	VEAL, CRCSS, FRESH, CHILLED, ETC	LB	50	5,852	5,669						
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	257	210	358			0	2		
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	145	1,810	1,357						
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	121	3,395	1,864			6	2		
1068200	BEEF TONGUES, FRESH, ETC	LB	305	125	125						
1068400	BEEF LIVER, FRESH, ETC	LB	217	1,045	639						
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	13	18,513	19,699						
1068800	VEAL OFFAL, FRESH, CHILLED, ETC	LB	346	57	57						
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	138	1,968	1,513						
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	290	390	158						
1070100	SAUSAGES, ETC, CANNED	LB	211	690	676						
1070200	SAUSAGES, ETC, EXC CANNED	LB	153	785	1,252						
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	83	1,165	2,683			22	65		
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	277	95	231						
1074200	BEEF AND VEAL, CANNED	LB	397	3	3						
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	118	1,609	1,936						
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	354	57	45						
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	386	18	11						
1076600	MT & EDBL OFFL, PREP EX CANND	LB	48	5,257	5,751						
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	343	29	61						
1150100	MLK & CRM, FLUID, FRSH OR SOUR	GAL	309	35	118						
1153000	MILK & CRM, NT SWT(EVAP)CANND	LB	384	11	13						
1155020	NONFAT DRY MILK, DONATED	LB	396	22	4						
1155040	NONFAT DRY MILK, NOT DONATED	LB	295	550	145						
1155700	DRIED MILK AND CREAM, NSPF	LB	249	1,213	415						
1160100	BUTTER	LB	313	123	109						
1163000	MARGARINE, INCLDNG OLEO	LB	363	55	40						
1171700	CHEDDAR CHEESE	LB	321	55	98						

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	202	557	748						
1178600	CHEESES, NSPF	LB	68	2,568	4,188						
1180000	WHEY, FLUID	GAL	337	11	71						
1180500	WHEY, DRIED	LB	91	11,058	2,467						
1181000	YOGURT, OTHER FERMENTD MILK	LB	201	1,497	751						
1181200	INFNTS DIET SUPP, DRY MILK	LB	193	502	805	26	30				
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	164	705	1,103	10	5	10	10		
1182500	ICE CREAM	GAL	332	41	82			8	5	2	5
1186000	MILK PRODUCTS, NSPF		173	0	1,010						
1195100	SHELL EGGS FOR HATCHING	DOZ	23	8,337	12,198			161	1,207	77	406
1195300	EGGS IN THE SHELL, NSPF	DOZ	103	3,278	2,180			4	10		
1196520	EGG ALBUMEN(WHITES), DRIED	LB	393	2	6						
1196540	WHL EGGS, OR YLKS, N/SHLL, DRD	LB	282	332	201						
1197020	EGG ALBUMEN(WHITES), EX DRIED	LB	115	1,588	1,992						
1197040	WHL EGG OR YLK, N/SHLL, EX DRD	LB	119	2,659	1,877						
1201400	CATTLE HIDES, WHOLE	PC	6	829	36,003	80	68	2	2	1	68
1201720	WHOLE CALF SKINS	PC	136	137	1,561						
1201740	WHOLE KIP SKINS	PC	150	56	1,315						
1201755	CATTLE HIDE CROUPONS ETC	PC	229	95	552						
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	93	15,607	2,383			63	97		
1202022	SHEEP SKNS ETC N/WL ON_SKN	PC	209	128	687						
1202044	EQUINE HIDES	LB	233	2,508	542						
1202047	GOAT AND KID SKINS	PC	394	1	4						
1202092	PIG AND HOG SKINS	NO	380	11	16						
1202095	OTHER HIDES AND SKINS, NSPF	NO	225	0	580			1	18		
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	348	7	54			0	3		
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		148	0	1,321			27	68		13
1255200	FRUIT AND NUT PLANTS, ETC		97	0	2,304			11	17		11
1256500	ROSE PLANTS		132	0	1,651			5	43		28
1258100	LIVE PLANTS, NSPF		18	0	14,242	78	36	85	386		160
1260120	ALFALFA SEED, UNCERTIFIED	LB	208	629	696						
1260140	ALFALFA SEED, CERTIFIED	LB	58	3,514	4,830	2	2				
1260300	SUGAR BEET SEED	LB	216	119	641						
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	324	46	95						
1261700	SEED, CARROT	LB	190	498	825			13	49	12	49
1263120	LADINO CLOVER SEED	LB	255	340	369						
1263140	WHITE CLOVER SEED	LB	362	45	41						
1263200	CLOVER SEED, NSPF	LB	385	11	12						
1264100	FLOWER SEED	LB	162	185	1,126			2	100	1	59
1265700	MILLET	LB	170	15,288	1,032	71	5				
1266100	ONION SEED	LB	236	107	524						
1267100	PEPPER SEED	LB	374	4	24						
1267300	RADISH SEED	LB	376	15	23						
1268100	SPINACH SEED	LB	381	12	15						
1268700	TREE AND SHRUB SEEDS	LB	319	6	101			0	11		
1271220	SUDAN GRASS SEED	LB	353	177	45						
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	137	1,291	1,546	8	4				
1271510	CANTALOPE SEED	LB	391	2	7						
1271515	CUCUMBER SEED	LB	270	58	264						
1271530	LETTUCE SEED	LB	307	26	124						
1271545	SQUASH SEED	LB	364	11	40						
1271560	TOMATO SEED	LB	375	5	24						
1271570	WATERMELON SEED	LB	336	24	71			1	2	1	2
1271580	VEGETABLE SEEDS, NSPF	LB	87	950	2,603			23	31	19	31
1271590	SEEDS, NSPF	LB	123	1,349	1,813			12	92	6	73
1301020	BARLEY FOR MALTING	BU	398	1	2						
1301040	BARLEY, OTHER THAN MALTING	BU	366	12	35						
1301700	BUCKWHEAT AND CANARY SEED	LB	297	855	139						
1303420	SWEET CORN SEED, NOT DONATED	LB	130	1,261	1,686			2	3		
1303440	CORN SEED, EXC SWT, NT DONATED	LB	7	5,523	3,164						
1303465	YELLOW CORN, NOT DONATED	BU	27	5,934	11,322	195,406	5,828				
1303475	CORN, NSPF, NOT DONATED	BU	246	201	431						
1304020	GRAIN SORGHUM SEED	LB	333	433	77						
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	219	252	637						
1304500	OATS	BU	338	46	71						
1305000	RICE, PADDY OR ROUGH	LB	323	815	96						
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	63	42,354	4,648						
1305540	RICE, HUSKED, BROWN, MED GRAIN	LB	75	31,224	3,232						
1305560	RICE, HUSKED, BRWN, SHORT GRAIN	LB	356	532	43						
1305580	RICE, HUSKED, BRWN, MIXED GRAIN	LB	373	318	26						
1306000	RYE	BU	389	3	8						
1306540	WHEAT, UNMILLED, NOT DONATED	BU	252	84	377						
1313010	RICE, DONATED FOR RELIEF	LB	372	189	26						
1313015	LG GR PRBL HD RICE, NT RELIEF	LB	45	23,944	6,024	371	51				
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	281	836	202						
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	36	36,656	7,771						
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	111	11,906	2,085						
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	237	2,861	524						
1313060	HD RICE, MX GRN, X PRBL, NT DON	LB	241	3,179	479						
1313070	BROKEN RICE, NOT DONATED	LB	239	5,654	498						
1313080	RICE, MILLED, NSPF, NT DONATED	LB	388	60	9						
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	344	6	60						
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	330	8	83						
1314050	BULGUR WHEAT, DONATED	CWT	383	2	14						
1314060	BULGUR WHEAT, NOT DONATED	CWT	395	1	4						
1314090	WHEAT, MILLED, NSPF	CWT	325	59	93						
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	181	103	904						
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	206	118	729						
1321700	MALTS	LB	301	907	132						
1322700	MALT EXTRACT	LB	369	178	30						
1324020	CORNSTARCH, INCLUDING MILO	LB	31	37,835	9,607						
1324040	STARCHES, NSPF	LB	114	5,499	2,017						
1351800	ASPARAGUS, FRESH OR CHILLED	LB	42	8,521	6,675	10	5	141	141	124	137
1352100	BEANS, FRESH OR CHILLED	LB	105	5,602	2,136						

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1352300	BROCCOLI, FRESH OR CHILLED	LB	24	46,771	12,182	446	99	7	5	7	5
1352500	BRUSSEL SPROUTS, FRH OR CHLD	LB	245	1,695	447						
1352700	CABBAGE, FRESH OR CHILLED	LB	160	10,386	1,146						
1352900	CARROTS, FRESH OR CHILLED	LB	37	38,990	7,583	86	14				
1353100	CAULIFLOWER, FRESH OR CHILLED	LB	32	34,544	9,231	137	35				
1353300	CELERY, FRESH OR CHILLED	LB	21	93,257	12,495	154	19				
1353500	DASHEENS, ETC., FRH OR CHILLED	LB	146	7,055	1,332	11	2				
1353700	SWEET CORN, FRESH OR CHILLED	LB	70	20,226	4,180	28	6	67	17		
1353900	CUCUMBERS, FRESH OR CHILLED	LB	116	13,216	1,988			12	2		
1354000	GARLIC, FRESH OR CHILLED	LB	254	805	369			4	2		
1354300	LETTUCE, FRESH OR CHILLED	LB	3	293,859	40,090	1,397	164	12	9	11	9
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	16	119,735	15,244	223	27	42	13	36	13
1354700	PEPPERS, FRESH OR CHILLED	LB	38	44,986	7,403	29	7				
1354920	POTATOES, WHITE, FR FOR SEED	LB	213	11,264	673						
1354940	POTATOES, WHITE, FR EX SEED	LB	15	89,451	17,069	851	79				
1355300	TOMATOES, FRESH OR CHILLED	LB	4	138,954	40,067	722	148	27	9		
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	19	36,109	13,492	21	9	596	364	76	79
1381000	CARROTS, FROZEN	LB	205	2,609	734						
1382000	CORN, SWEET, FROZEN	LB	141	5,939	1,441						
1383000	PEAS, FROZEN	LB	285	691	187			27	6		
1387000	VEGETABLES, NSPF, FROZEN	LB	96	4,953	2,321			61	51	52	51
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	379	58	16						
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	317	415	103						
1400520	LIMA BEANS, BABY	LB	370	85	30						
1400540	LIMA BEANS, OTHER THAN BABY	LB	328	258	86						
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	99	10,044	2,254						
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	359	156	42						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	240	1,712	497						
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	345	266	59						
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	195	2,690	771						
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	327	311	89						
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	303	583	131						
1403100	BEANS, SEED	LB	78	7,160	3,062						
1403300	PEAS, SEED	LB	120	5,206	1,874						
1403500	LENTILS, DRIED, ETC	LB	248	1,523	417						
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	125	2,445	1,803			24	9	22	9
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	142	2,751	1,433						
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	66	4,363	4,261						
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	274	1,268	245						
1405640	POTATO GRANULES DRY EX FLOUR	LB	349	138	50						
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	107	8,900	2,130	87	19				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	234	242	541			1	6	1	6
1407100	VEGETABLES REDUCED TO FLOUR	LB	95	2,806	2,366			120	92		
1410100	ASPARAGUS, CND, EXCL. PICKLED	LB	352	37	47						
1410320	DRY BEANS, CND, EXCL. PICKLED	LB	387	31	9						
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	284	481	189						
1410500	CORN, CANNED, EXCL. PICKLED	LB	227	1,811	560	30	9				
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	390	44	7						
1412220	TOMATO PULP (PUREE), CANNED	LB	339	265	68						
1412240	TMTO SC, EX CTSP & CHILI SC	LB	212	2,332	676						
1412260	TOMATO PASTE, CANNED	LB	54	15,226	5,343						
1412280	TOMATOES, CANNED, NSPF	LB	157	4,164	1,184						
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	113	4,665	2,023	47	17	5	6		
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	129	16,129	1,715						
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	291	303	157						
1417500	VEGETABLES, PREP, PRES, NSPF	LB	147	2,006	1,331						
1441000	MUSHROOMS, FRESH	LB	100	1,999	2,237			1	5		
1442500	MUSHROOMS, CANNED	LB	342	54	62						
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	232	571	546			27	23		
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	171	1,032	1,027			10	11	10	11
1452200	PECANS, NOT SHELLD OR ROASTED	LB	269	284	270						
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	59	4,858	4,814						
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	310	46	115						
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	139	726	1,512						
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	33	6,778	9,093	1	3				
1454900	PECANS, SHELLED, NOT BLANCHED	LB	90	1,369	2,567						
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	131	2,025	1,652						
1455720	PISTACHIOS, SHELLED	LB	341	30	62						
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	188	687	844						
1456100	ALMONDS, PREPARED, PRESERVED	LB	46	2,748	5,984			37	83	31	83
1457520	PISTACHIOS, PREP OR PRESRVD	LB	247	303	428						
1457542	MACADAMIA, PREP OR PRESERVED	LB	207	176	714			6	27		
1457545	CASHEWS, PREP OR PRESERVED	LB	280	82	206	0	2				
1457547	OTHER NUTS, PREP OR PRESERVED	LB	165	1,002	1,097						
1459000	MIXTURES OF EDIBLE NUTS	LB	260	242	338			1	4		
1461000	APPLES, FRESH	LB	12	91,654	21,264	158	31				
1463500	AVOCADOS, FRESH	LB	156	2,236	1,188			209	90	199	90
1465500	STRAWBERRIES, FRESH	LB	26	15,455	11,588	283	117	277	269	245	258
1466500	BERRIES, FRESH, NSPF	LB	82	7,720	2,839			40	11	22	6
1468520	CHERRIES, SWEET, FRESH	LB	44	12,392	6,638			210	185	187	178
1471500	GRAPEFRUIT, FRESH	LB	17	69,667	15,242	371	60				
1471900	LEMONS, FRESH	LB	72	14,907	3,497	49	14				
1472200	LIMES, FRESH	LB	251	2,175	391			3	2		
1473120	TANGERINES, FRESH	LB	71	16,4[illegible]1	3,862	42	8				
1473130	TEMPLE ORANGES, FRESH	LB	101	9,083	2,221	23	2				
1473140	ORANGES, FRESH, NSPF	LB	1	228,006	54,415	1,594	354	13	7		
1473500	CITRUS FRUITS, FRESH, NSPF	LB	166	4,171	1,066			12	14	11	14
1476500	GRAPES, FRESH	LB	2	131,934	51,232	627	200	467	333	396	326
1481700	CANTALOUPES, FRESH	LB	65	33,386	4,273	253	37				
1482000	WATERMELON, FRESH	LB	76	46,921	3,210	203	16				
1482700	MELONS, FRESH, NSPF	LB	110	10,074	2,094	46	6	65	12	60	12
1487500	PEACHES & NECTARINES, FRESH	LB	20	47,848	13,013	116	29	74	32	67	32
1488500	PEARS, FRESH	LB	34	39,300	8,874	15	4				
1491700	PRUNES AND PLUMS, FRESH	LB	43	25,449	6,653	20	7	250	106	225	106

-- CANADA CONTINUED ON NEXT PAGE --

TABLE 7.

1967 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1493050	KIWIFRUIT, FRESH	LB	109	4,664	2,111	4	2	3	3	2	3
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	81	7,954	2,867			46	23	41	21
1497000	STRAWBERRIES, FROZEN	LB	179	1,755	909			70	38		
1497500	BERRIES, FROZEN, NSPF	LB	196	1,773	770			17	6		
1498520	CHERRIES, SWEET, FROZEN	LB	158	1,981	1,181						
1499000	FRUITS, FROZEN, NSPF	LB	172	2,693	1,012			25	18		
1501200	APPLES, DRIED	LB	222	1,135	610						
1502200	APRICOTS PEACHES PEARS DRIED	LB	238	421	516						
1504500	DATES, DRIED	LB	183	883	889			18	20	8	12
1505200	FIGS, DRIED	LB	298	275	138			63	25	62	25
1506500	GRAPES (RAISINS), DRIED	LB	30	8,257	9,924	4	6	32	25	2	2
1508000	PRUNES, DRIED	LB	55	7,101	5,155	19	9				
1508500	FRUITS, DRIED, NSPF	LB	143	1,570	1,406						
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	266	631	286						
1510500	FRUIT IN BRINE, NSPF	LB	278	454	220						
1511000	APRICOTS, PREP OR PRESERVED	LB	326	191	93						
1512000	MARASCHINO CHERRIES, PREP	LB	329	353	84						
1512520	CHERRIES, SWEET, NSPF, PREP	LB	85	4,226	2,663						
1513000	BERRIES, PREPARED OR PRES	LB	272	1,107	258						
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	312	218	114						
1515000	OLIVES, CANNED	LB	184	951	887						
1515500	OLIVES, PREP OR PRES, NSPF	LB	197	965	763						
1516000	PEACHES AND NECTARINES, PREP	LB	149	3,674	1,320						
1517000	PEARS, PREPARED OR PRESERVED	LB	322	298	97						
1518500	FRUIT NSPF, PREP, PRESERVED	LB	151	2,644	1,299			8	4		
1519500	FRUIT MIXTURES, NSPF, PREP	LB	52	13,779	5,591			672	413		
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	259	597	342	90	19				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	154	3,661	1,245						
1533000	JAMS, JELLIES MARMALADES ETC	LB	226	770	561			7	6		
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	98	18,152	2,258						
1551100	SUGAR BEETS AND SUGAR CANE	STN	176	9	965						
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	7	207,390	32,171	95	14				
1552045	RAW SUGAR, BEET OR CANE	STN	289	1	170						
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	311	625	114	6	6				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	61	9,983	4,665	60,065	1,561				
1557000	HONEY	LB	271	471	261			11	6		
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	86	4,006	2,616						
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	318	133	103			1	2	0	2
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	296	386	142						
1616100	MUSTARD SEEDS	LB	288	2,058	171						
1618100	RED PEPPER	LB	314	111	108						
1621700	SPICE AND SPICE SEEDS, NSPF	LB	49	3,865	5,685			24	43	2	4
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	286	80	186						
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	214	530	662						
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	243	484	451						
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	250	343	404						
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	79	2,919	2,990	353	189				
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	53	2,508	5,441			2	2	1	2
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	11	12,148	24,254	85	71				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	64	2,198	4,384						
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	29	6,903	10,054						
1654120	LEMON JUICE, CONC, FRZN	SSG	167	505	1,062						
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	215	321	654						
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	174	469	1,009						
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	84	1,262	2,674						
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	102	1,167	2,192						
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	268	162	276						
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	275	111	235						
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	104	1,141	2,167						
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	69	1,951	4,187						
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	304	112	129						
1663040	VEGETABLE JUICES, NSPF	GAL	273	112	250						
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	220	294	628			33	3		
1673100	STILL WINE NT OV 14% ALCOHOL	WG	28	3,053	10,214	2,859	1,069	25	16	199	1,060
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	218	221	638	734	245			51	243
1675120	CIDER	GAL	350	6	49						
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	351	22	48						
1683000	BRANDY	PFG	367	9	35						
1751500	COTTONSEED	LB	204	3,296	736						
1751800	FLAXSEED (LINSEED)	LB	358	787	43						
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	80	14,393	2,961						
1756020	SAFFLOWER SEED	LB	186	11,831	875						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	168	6,039	1,057						
1761820	COTTONSEED OIL, CRUDE	LB	261	2,324	338						
1761840	COTTONSEED OIL, ONCE-REFINED	LB	283	1,044	196						
1761880	COTTONSEED SALAD OIL NT/RELF	LB	185	3,425	882						
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	368	113	35						
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	265	415	294						
1769180	JOJOBA OIL, UNMIXED	LB	340	5	66			3	37		
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	177	2,271	939			2	2	1	2
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	334	343	76						
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	320	446	100						
1775620	TALLOW, EDIBLE	LB	89	14,548	2,587						
1775640	TALLOW, INEDIBLE	LB	267	1,312	286						
1775900	WOOL GREASE	LB	264	268	303						
1777320	ANHYDROUS MILK FAT	LB	371	51	29						
1777385	YELLOW GREASE	LB	308	664	121						
1777390	OTHER TALLOW, NSPF	LB	106	11,984	2,133						
1781140	VEG SALAD OIL, NOT RELIEF	LB	360	158	42						
1783540	COTTONSEED OIL, HYDROGENATED	LB	355	147	45						
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	124	4,206	1,811	5	6				
1786000	SALAD & COOKING OIL, MIXTURE	LB	293	320	150						
1787020	BAKING FATS, MIX OF VEG OILS	LB	189	1,461	830						
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	191	792	819						

-- CANADA CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	200	1,378	754						
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	316	20	104						
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	335	203	76						
1824420	CATSUP AND CHILI SAUCE	LB	180	3,822	907						
1825120	SOUPS, DRIED OR DEHYDRATED	LB	127	3,456	1,773						
1825140	SOUPS, N S P F	LB	258	902	342						
1825600	VINEGAR	GAL	235	619	541	13	4				
1827000	WILD RICE CRUDE OR PROCESSED	LB	315	75	106						
1829420	POTATO CHIPS AND STICKS	LB	73	5,587	3,457						
1829740	MIXED SEASONINGS	LB	135	1,745	1,573			2	4		
1829742	VEG FLOURS & GRITS, DEFATTED	LB	192	6,210	805						
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	365	210	39						
1829752	VEGETABLE PROTEIN ISOLATES	LB	112	2,995	2,036						
1829754	VEG PRO CONCENTRATES, ETC	LB	126	2,075	1,775						
1829760	EDIBLE PREP, NSPF, CANNED	LB	128	1,447	1,746			22	67		
1829770	EDIBLE PREP, NSPF, FROZEN	LB	62	5,868	4,659						
1829780	EDIBLE PREPARATIONS, NSPF	LB	8	25,146	28,398	35	22	58	65		
1841020	WHEAT BY-PRODCTS, ANIMAL FEED	STN	399	0	2						
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	287	3	173						
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	224	13	588						
1842000	BEET PULP, DRIED	STN	357	0	43						
1842500	BREWERS' GRAINS, MALT SPROUT	STN	244	5	448						
1843600	HAY AND STRAW	STN	159	15	1,172	170	9				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	230	4	551						
1845240	COTTONSEED OIL CAKE AND MEAL	STN	300	1	134						
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	140	5	1,504						
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	294	0	148						
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	198	5	757						
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	302	358	132			129	46	121	46
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	361	171	42						
1848005	ALFALFA HAY CUBES	STN	133	15	1,625						
1848015	ALFALFA MEAL, DEHYDRATED	STN	382	0	15						
1848025	FEATHER MEAL	STN	279	1	208						
1848032	DOG & CAT FOOD, RETAIL SALE	LB	10	53,361	26,883	634	221	3	2		
1848034	PET FOOD NSPF, RETAIL SALE	LB	22	60,845	12,402						
1848035	POULTRY FEEDS, PREPARED	STN	56	8	5,067						
1848040	DAIRY CATTLE FEED, PREPARED	STN	231	3	547						
1848045	LIVESTOCK FEED, PREP, NSPF	STN	92	15	2,463	610	85				
1848070	CITRUS PULP PELLETS	STN	377	0	19						
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	39	70	7,162	50	15				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	108	360	2,124			0	2		
1865700	HAIR AND BRISTLES, NSPF	LB	299	81	137						
1911520	BULL SEMEN (BOVINE)		199	0	755			6	682		
1912570	ANIMAL PRODUCTS, NSPF		210	0	683			2	41		2
1920600	SEAWEED AND CARRAGEENIN	LB	152	420	1,281			1	2		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		155	0	1,238			142	280		8
1921140	FOLIAGE, ORNAMENTAL PURPOSES		94	0	2,377			39	110		19
1922520	HOP PELLETS	LB	88	497	2,588						
1922540	HOPS, OTHER	LB	74	1,235	3,273						
1923200	HOP EXTRACT AND LUPULIN	LB	161	143	1,133						
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	392	10	6						
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	163	1,116	1,103			15	92	3	79
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	242	2	460	42	31				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	9	81	28,160						
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	60	14	4,769						
3003011	COTTON FELTING LINTER 1 TO 7	LB	263	2,063	323						
3003021	COTTON LINTERS, OTHER	LB	221	3,723	627						
4523400	LEMON OIL	LB	194	150	787						
4524400	ORANGE OIL	LB	276	168	234						
7482500	FLOWERS, CUT NATURAL, DRIED		253	0	374			5	15		2
7482900	OTHER DRIED PLANTS, N S P F		292	0	152			2	2		
	TOTALS FOR CANADA				$1,167,556	270,057	$11,192	5,085	$7,844		$4,018
	CHINA M COUNTRY RANK 17										
1000210	CHICKENS, BREEDER STOCK, EGG	NO	11	73	463			4	463	39	49
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	5	675	2,221			112	2,221	16	54
1000240	CHICKENS, LIVE, EXC BREEDER	NO	16	45	145			4	145		
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	37	0	8			4	8	0	8
1008300	SWINE, LIVE	NO	7	1	1,018			104	1,018		
1009640	LIVE ANIMALS, NSPF		8	0	792			45	792		435
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	33	17	13			17	13	17	13
1074200	BEEF AND VEAL, CANNED	LB	24	57	57			66	57	57	57
1076600	MT & EDBL OFFL, PREP EX CANND	LB	49	1	2			1	2	1	2
1155700	DRIED MILK AND CREAM, NSPF	LB	50	6	2			7	2	6	2
1195100	SHELL EGGS FOR HATCHING	DOZ	19	5	72			7	72	2	24
1201400	CATTLE HIDES, WHOLE	PC	4	208	10,612	8,898	10,612			14	623
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	45	25	3			28	3		
1202044	EQUINE HIDES	LB	46	2	3	2	3				
1256500	ROSE PLANTS		28	0	21			3	21		21
1268700	TREE AND SHRUB SEEDS	LB	10	51	667			56	667	2	30
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	31	12	16	12	16			6	7
1271580	VEGETABLE SEEDS, NSPF	LB	12	40	435	38	358	10	78	40	435
1271590	SEEDS, NSPF	LB	17	11	138	10	63	6	75	11	138
1303465	YELLOW CORN, NOT DONATED	BU	2	49,246	94,926	2,757,759	94,926				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	1	70,397	139,202	4,223,911	139,202				
1321700	MALTS	LB	42	48	4	49	4				
1324040	STARCHES, NSPF	LB	40	19	5	20	5			19	5
1351800	ASPARAGUS, FRESH OR CHILLED	LB	26	23	43	5	21	21	22	23	43
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	32	22	14			26	14	22	14

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1403300	PEAS, SEED	LB	51	4	2	5	2				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	27	1	24			1	24		
1410500	CORN, CANNED, EXCL. PICKLED	LB	35	32	10	37	10				
1415200	CUCUMBERS, PICKLED, W/NOT. CND	LB	48	6	2	6	2			6	2
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	6	1,789	1,356	1,873	1,356			1,789	1,356
1476500	GRAPES, FRESH	LB	44	4	3	4	3			4	3
1516000	PEACHES AND NECTARINES, PREP	LB	47	2	2	2	2			2	2
1552045	RAW SUGAR, BEET OR CANE	STN	3	164	15.636	328.084	15.636				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	25	35	56	47	56				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	30	22	18	242	18			22	18
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	18	25	83	202	83			25	83
1673100	STILL WINE NT OV 14% ALCOHOL	WG	39	1	6	3	6			1	6
1761880	COTTONSEED SALAD OIL NT/RELF	LB	34	33	11	36	11			33	11
1775640	TALLOW, INEDIBLE	LB	13	1,910	405	1,997	405			1,910	405
1777360	CHOICE WHITE GREASE	LB	15	1,102	185	1,102	185				
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	21	79	70	84	70				
1829754	VEG PRO CONCENTRATES, ETC	LB	41	8	5	8	5				
1829780	EDIBLE PREPARATIONS, NSPF	LB	43	5	4			6	4	5	4
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	23	0	63	713	63			0	51
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	29	0	20	196	20				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	9	153	670	156	670			125	622
1911520	BULL SEMEN (BOVINE)		20	0	71			1	71		
1912570	ANIMAL PRODUCTS, NSPF		22	0	65			4	65		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	14	1	248	505	248				
4523400	LEMON OIL	LB	36	3	8	4	8				
4524400	ORANGE OIL	LB	38	8	7	8	7				
	TOTALS FOR CHINA M				$269,911	7,326,018	$264,076	533	$5,835		$4,525

EGYPT COUNTRY RANK 7

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK, EGG	NO	38	40	137			5	137	12	47
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	27	167	322			23	322		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	54	0	17	10	17				
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	25	0	402	410	402				
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	8	22,795	9,650	23,553	9,650				
1054140	CHICKENS, EX YOUNG, WHOLE	LB	21	1,845	733	1,957	733				
1054160	CHICKEN PIECES, FRESH, ETC.	LB	6	33,055	10,650	34,290	10,648	5	3		
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	44	120	72	129	72				
1055140	TURKEY PIECES, FRESH, ETC	LB	22	2,511	692	2,742	692				
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	37	48	139	49	139				
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	28	44	258			46	258		
1068400	BEEF LIVER, FRESH, ETC	LB	7	38,757	10,439	41,014	10,439				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	19	3,943	915	4,166	915				
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	43	279	73	291	73				
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	58	39	9	41	9				
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	49	10	33	7	22	4	11		
1076600	MT & EDBL OFFL, PREP EX CANND	LB	51	93	22	124	22				
1155020	NONFAT DRY MILK, DONATED	LB	23	2,463	670	2,702	670				
1155040	NONFAT DRY MILK, NOT DONATED	LB	18	2,592	1.007	2.642	1,007				
1155700	DRIED MILK AND CREAM, NSPF	LB	13	1,849	1,548	1,932	1,548				
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		53	0	17			5	17		17
1255200	FRUIT AND NUT PLANTS, ETC		40	0	108			59	108		
1258100	LIVE PLANTS, NSPF		36	0	141			173	141		141
1260120	ALFALFA SEED, UNCERTIFIED	LB	39	111	134	113	134				
1260140	ALFALFA SEED, CERTIFIED	LB	55	11	16	11	16				
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	46	50	66	51	66			11	20
1271510	CANTALOPE SEED	LB	67	0	2	0	2				
1271515	CUCUMBER SEED	LB	30	40	201	47	201				
1271545	SQUASH SEED	LB	62	3	6			3	6		
1271560	TOMATO SEED	LB	33	16	169	15	145	3	25	2	25
1271570	WATERMELON SEED	LB	56	4	15			4	15		
1271580	VEGETABLE SEEDS, NSPF	LB	16	234	1,264	160	804	120	460	101	452
1271590	SEEDS, NSPF	LB	24	111	655	119	512	15	143	27	252
1303440	CORN SEED, EXC SWT. NT DONATED	LB	26	52	338	54	338				
1303465	YELLOW CORN, NOT DONATED	BU	2	58,066	117,601	3,251,718	117,601				
1304020	GRAIN SORGHUM SEED	LB	42	392	77	378	54	23	23		
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	48	10	36	554	36				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	1	89,373	231,843	5,362,362	231,843			3	9
1313015	LG GR PRBL HD RICE, NT RELIEF	LB	63	13	5	14	5				
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	14	207	1,487	20,826	1,487				
1314030	WHEAT FLOUR, NSPF, DONATED	CWT	12	230	1,925	23,186	1,925				
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	3	15,474	109,642	1,561,741	109,642				
1314050	BULGUR WHEAT, DONATED	CWT	31	27	199	2,718	199				
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	45	157	70	189	70				
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	34	102	164	107	164			102	164
1498520	CHERRIES, SWEET, FROZEN	LB	66	4	3	4	3				
1506500	GRAPES (RAISINS), DRIED	LB	64	4	4	5	4				
1519500	FRUIT MIXTURES, NSPF, PREP	LB	47	101	48	119	48			101	48
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	11	26,455	2,308	26,695	2,308				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	61	1	7	18	7			1	7
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	60	22	8	22	8				
1761840	COTTONSEED OIL, ONCE-REFINED	LB	20	3,469	756	3,469	756				
1761880	COTTONSEED SALAD OIL NT/RELF	LB	35	749	164	749	164				
1775640	TALLOW, INEDIBLE	LB	4	299,087	45,495	299,087	45,495				
1829740	MIXED SEASONINGS	LB	65	3	3	3	3				
1829752	VEGETABLE PROTEIN ISOLATES	LB	32	191	177	200	177				
1829780	EDIBLE PREPARATIONS, NSPF	LB	29	193	204	212	204				
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	52	0	19	110	19				
1848034	PET FOOD NSPF, RETAIL SALE	LB	15	1,585	1,281	1,685	1,281				
1848035	POULTRY FEEDS, PREPARED	STN	10	7	2,545	14,980	2,545				

-- EGYPT CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1848045	LIVESTOCK FEED, PREP, NSPF	STN	17	5	1,259	10,194	1,259				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	57	0	14	136	14				
1911520	BULL SEMEN (BOVINE)		41	0	92			1	92		
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	59	12	8			14	8	12	8
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	50	80	26	84	26				
3001060	COTTON MT CRD 1 TO 1-1/8 IN	RBA	5	58	20,638	29,677	20,638			58	20,638
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	9	7	2,596	3,688	2,596			7	2,596
	TOTALS FOR EGYPT				$581,623	10,731,560	$579,855	502	$1,769		$24,424

FRANCE COUNTRY RANK 13

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK, EGG	NO	132	27	52			4	52		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	117	6	72			1	72		
1004190	CATTLE, LIVE, NOT FOR BREEDING	NO	76	0	263			96	263		
1007100	HORSES FOR BREEDING	NO	21	0	2,567			39	2,567		
1007200	HORSES, NSPF, MULES, LIVE, ETC.	NO	1	1	35,128			619	35,128	0	2,204
1008300	SWINE, LIVE	NO	223	0	3			0	3		
1009640	LIVE ANIMALS, NSPF		37	0	1,037			80	1,037		22
1054160	CHICKEN PIECES, FRESH, ETC.	LB	57	1,227	460	1,271	460				
1055140	TURKEY PIECES, FRESH, ETC	LB	201	51	10	51	10				
1057100	POULTRY LIVERS, FRESH, ETC	LB	42	2,117	844	2,277	844				
1058300	BIRD MEAT, PREP, EX CANNED	LB	154	41	34	43	34				
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	192	4	12			5	12		
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	75	184	275	175	194	36	82	20	51
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	172	1	24			2	24		
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	2	28,310	29,945	1,525	1,432	25,224	25,789	29	31
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	105	30	105	30	105				
1068200	BEEF TONGUES, FRESH, ETC	LB	5	22,868	27,291	23,840	27,202				
1068400	BEEF LIVER, FRESH, ETC	LB	10	20,856	7,503	21,839	7,503				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	7	18,346	18,806	18,283	18,513	262	72		
1068800	VEAL OFFAL, FRESH, CHILLED, ETC	LB	77	289	255	305	255				
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	64	778	413	805	413				
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	84	373	205	392	205				
1070200	SAUSAGES, ETC, EXC CANNED	LB	103	77	116	76	108	3	7		
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	112	43	92						
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	215	0	5			0	5		
1074200	BEEF AND VEAL, CANNED	LB	210	12	6	15	6				
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	215	0	5			0	5		
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	155	38	34			0	5		
1076600	MT & EDBL OFFL, PREP EX CANND	LB	131	41	52			41	52		
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	147	17	39			1	2		
1155700	DRIED MILK AND CREAM, NSPF	LB	211	1	6			1	6		
1178600	CHEESES, NSPF	LB	182	7	19			5	16		
1180500	WHEY, DRIED	LB	170	37	25			1	2		
1181200	INFNTS DIET SUPP, DRY MILK	LB	46	105	734	99	675	11	60		
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	31	427	1,339	305	1,336	2	4		
1182500	ICE CREAM	GAL	133	25	50	112	45	3	5		
1186000	MILK PRODUCTS, NSPF		98	0	131			76	131		
1195100	SHELL EGGS FOR HATCHING	DOZ	62	140	418			133	418		
1195300	EGGS IN THE SHELL, NSPF	DOZ	139	8	45			13	45		
1201400	CATTLE HIDES, WHOLE	PC	9	149	8,072	887	831				
1201720	WHOLE CALF SKINS	PC	72	12	290	108	290				
1201755	CATTLE HIDE CROUPONS ETC	PC	90	7	170	4	28				
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	191	116	12	26	2				
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	18	875	4,029	2,279	4,027	0	2	703	2,944
1202044	EQUINE HIDES	LB	122	337	66	378	66				
1202092	PIG AND HOG SKINS	NO	130	20	53	83	53				
1202095	OTHER HIDES AND SKINS, NSPF	NO	16	0	5,593	475	5,039	16	522		
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	33	131	1,223	846	1,207	3	17	9	138
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		156	0	34			10	34		
1255200	FRUIT AND NUT PLANTS, ETC		88	0	176	91	112	19	65		159
1256500	ROSE PLANTS		177	0	23			16	23		23
1258100	LIVE PLANTS, NSPF		87	0	195	173	162	5	33		43
1260120	ALFALFA SEED, UNCERTIFIED	LB	221	2	3						
1263120	LADINO CLOVER SEED	LB	78	151	248	153	248			151	248
1264100	FLOWER SEED	LB	38	16	995	12	66	4	861	14	676
1265700	MILLET	LB	41	11,548	864	524	26				
1266100	ONION SEED	LB	218	0	3			1	3		
1267300	RADISH SEED	LB	169	23	26						
1268700	TREE AND SHRUB SEEDS	LB	146	3	39			1	26		
1271220	SUDAN GRASS SEED	LB	61	1,324	419	1,338	419			891	250
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	83	196	214	197	214			71	107
1271510	CANTALOPE SEED	LB	190	4	12			4	12		
1271515	CUCUMBER SEED	LB	123	12	66	13	66			12	66
1271530	LETTUCE SEED	LB	142	5	43	5	43			5	43
1271545	SQUASH SEED	LB	208	1	7		7			1	7
1271570	WATERMELON SEED	LB	159	17	33	18	33			13	29
1271580	VEGETABLE SEEDS, NSPF	LB	28	298	1,579	258	1,305	59	264	187	1,148
1271590	SEEDS, NSPF	LB	68	292	339	304	274	10	65	186	258
1301700	BUCKWHEAT AND CANARY SEED	LB	198	16	10						
1303420	SWEET CORN SEED, NOT DONATED	LB	45	344	774	298	671	2	10	2	8
1303440	CORN SEED, EXC SWT, NT DONATED	LB	14	5,605	6,287	2,427	4,674	35	96		
1303465	YELLOW CORN, NOT DONATED	BU	134	13	50						
1303475	CORN, NSPF, NOT DONATED	BU	99	57	128						
1304020	GRAIN SORGHUM SEED	LB	52	845	561	858	561				
1305000	RICE, PADDY OR ROUGH	LB	212	61	6	62	6				
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	219	18	3	18	3			18	3
1305540	RICE, HUSKED, BROWN, MED. GRAIN	LB	144	261	40	263	40			261	40
1306000	RYE	BU	203	4	9	209	9				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	48	117	615	125	11				

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1313015	LG OR PRBL HD RICE, NT RELIEF	LB	60	6,174	434	6,174	434				
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	209	39	7	39	7			39	7
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	70	5,810	311	5,810	311			40	10
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	188	77	14	79	14			39	7
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	136	310	48	314	48			271	44
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	175	2	23	205	23			2	23
1314090	WHEAT, MILLED, NSPF	CWT	225	0	2	50	2				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	118	9	70	875	70			1	10
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	150	5	38	540	38			5	38
1324020	CORNSTARCH, INCLUDING MILO	LB	120	203	67	169	50				
1351800	ASPARAGUS, FRESH OR CHILLED	LB	168	17	26			19	26		
1353300	CELERY, FRESH OR CHILLED	LB	214	38	5			39	5	38	5
1354000	GARLIC, FRESH OR CHILLED	LB	220	8	3	8	3				
1354700	PEPPERS, FRESH OR CHILLED	LB	114	159	87						
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	151	70	38			26	27		
1387000	VEGETABLES, NSPF, FROZEN	LB	195	24	11			26	11	17	7
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	15	26,905	6,006	84	27			78	26
1400520	LIMA BEANS, BABY	LB	181	78	20	79	20			78	20
1400540	LIMA BEANS, OTHER THAN BABY	LB	97	429	135	432	135			429	135
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	36	4,205	1,087						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	47	2,651	695	1,299	386			1,245	362
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	202	43	10						
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	27	10,374	1,800	1,588	495			78	30
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	85	823	201	825	201			823	201
1403100	BEANS, SEED	LB	20	4,851	2,683	4,884	2,643			2,947	2,007
1403300	PEAS, SEED	LB	44	2,270	787	2,277	787				
1403500	LENTILS, DRIED, ETC	LB	204	39	9	39	9				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	160	33	33			33	31	29	27
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	174	48	24	50	24			48	24
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	119	104	68	109	68			104	68
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	58	1,369	445	1,390	445				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	69	125	315	135	312	1	3	125	312
1407100	VEGETABLES REDUCED TO FLOUR	LB	135	62	49	47	26	19	23	62	49
1410320	DRY BEANS, CND, EXCL. PICKLED	LB	165	77	27	65	20			55	20
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	101	43	121	45	121			43	121
1410500	CORN, CANNED, EXCL. PICKLED	LB	23	6,469	2,219	37	12				
1412260	TOMATO PASTE, CANNED	LB	127	142	60	169	60				
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	121	40	66	41	66				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	30	2,001	1,463	136	143				
1441000	MUSHROOMS, FRESH	LB	94	290	140	292	132	8	8	6	8
1442500	MUSHROOMS, CANNED	LB	143	36	42	44	42				
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	137	52	46						
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	54	509	479	517	479			420	414
1452200	PECANS, NOT SHELLD OR ROASTED	LB	179	20	21	21	21				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	25	2,118	1,886	2,160	1,886			1,760	1,386
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	148	24	38	26	38			24	38
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	193	8	11	9	11				
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	3	17,010	27,977	17,815	27,977			15,775	25,944
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	196	11	11	11	11			11	11
1455720	PISTACHIOS, SHELLED	LB	74	154	276	167	276			148	266
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	92	96	145	100	145			83	124
1456100	ALMONDS, PREPARED, PRESERVED	LB	8	7,359	15,175	7,870	15,167	4	8	6,849	14,213
1457547	OTHER NUTS, PREP OR PRESERVED	LB	161	25	32						
1459000	MIXTURES OF EDIBLE NUTS	LB	164	20	28	3	3				
1461000	APPLES, FRESH	LB	163	142	30	155	30				
1463500	AVOCADOS, FRESH	LB	12	10,238	6,691	10,365	6,352	730	339	3,402	1,921
1465500	STRAWBERRIES, FRESH	LB	108	82	101			87	101	79	99
1466500	BERRIES, FRESH, NSPF	LB	217	20	5			21	5	20	5
1468520	CHERRIES, SWEET, FRESH	LB	82	180	223			188	223	155	194
1471500	GRAPEFRUIT, FRESH	LB	4	133,225	27,884	140,563	27,884			1,809	252
1471900	LEMONS, FRESH	LB	89	585	175	621	175			505	152
1472200	LIMES, FRESH	LB	66	1,223	382	121	40	1,164	342		
1473120	TANGERINES, FRESH	LB	59	1,926	434	1,993	434			829	187
1473130	TEMPLE ORANGES, FRESH	LB	180	79	20	84	20				
1473140	ORANGES, FRESH, NSPF	LB	50	2,247	597	2,412	597			1,319	349
1473500	CITRUS FRUITS, FRESH, NSPF	LB	93	572	140	610	140			206	50
1476500	GRAPES, FRESH	LB	153	33	34			36	34	24	26
1487500	PEACHES & NECTARINES, FRESH	LB	222	11	3			12	3		
1491700	PRUNES AND PLUMS, FRESH	LB	138	83	45	49	22	41	23	24	16
1493050	KIWIFRUIT, FRESH	LB	80	234	243	268	243			177	202
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	65	677	389	693	389			677	389
1502200	APRICOTS PEACHES PEARS DRIED	LB	152	21	36	6	11	18	24	21	36
1504500	DATES, DRIED	LB	17	4,889	4,193	5,253	4,193			4,889	4,193
1505200	FIGS, DRIED	LB	185	24	15	26	15			24	15
1506500	GRAPES (RAISINS) DRIED	LB	56	697	472	743	472			697	472
1508000	PRUNES, DRIED	LB	26	2,426	1,831	2,612	1,831			2,426	1,831
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	102	183	117	188	108	7	10	176	108
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	55	1,735	476	1,827	476				
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	173	87	24	90	24				
1518500	FRUIT NSPF, PREP, PRESERVED	LB	79	677	246	784	246			32	17
1519500	FRUIT MIXTURES, NSPF, PREP	LB	100	314	127						
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	32	4,287	1,256	4,465	1,256			3,817	1,101
1557000	HONEY	LB	107	154	101	171	101			14	7
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	200	8	10	4	4	5	6		
1621700	SPICE AND SPICE SEEDS, NSPF	LB	63	261	414	280	397	2	17	179	233
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	34	394	1,152	4,872	1,152				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	19	1,408	3,732	15,631	3,732				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	162	14	31	45	19	1	9	1	9
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	166	6	27	30	27				
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	183	8	16	16	16				
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	171	18	25	49	25				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	43	463	822	1,072	822				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	81	196	241	464	241			161	194
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	115	34	84	86	84				

-- FRANCE CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	129	46	53	91	53			41	48
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	176	16	23	31	23			16	23
1663040	VEGETABLE JUICES, NSPF	GAL	224	1	2	3	2				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	197	4	10	44	10				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	40	77	883	797	730	117	149	60	655
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	111	12	96	28	47	60	49	10	47
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	206	3	9	30	9			2	2
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	198	65	10						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	184	38	16	38	16			38	16
1769180	JOJOBA OIL, UNMIXED	LB	116	14	82	23	82			11	61
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	35	1,823	1,094	1,942	1,075	39	19	1,753	1,058
1775640	TALLOW, INEDIBLE	LB	213	2	5	2	5				
1775900	WOOL GREASE	LB	126	20	64	15	56	7	8		
1777390	OTHER TALLOW, NSPF	LB	194	13	11						
1783540	COTTONSEED OIL, HYDROGENATED	LB	140	146	44						
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	187	4	14	5	14				
1787020	BAKING FATS, MIX OF VEG OILS	LB	145	79	39						
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	125	74	64			43	40		
1827000	WILD-RICE CRUDE OR PROCESSED	LB	205	3	9	3	9				
1829420	POTATO CHIPS AND STICKS	LB	186	13	14	13	14				
1829740	MIXED SEASONINGS	LB	86	79	196	81	186	1	10	5	13
1829752	VEGETABLE PROTEIN ISOLATES	LB	96	160	137						
1829760	EDIBLE PREP, NSPF, CANNED	LB	128	27	57	31	38	0	4		
1829770	EDIBLE PREP, NSPF, FROZEN	LB	157	46	34	47	34				
1829780	EDIBLE PREPARATIONS, NSPF	LB	71	356	297	387	255	7	27	99	97
1842000	BEET PULP, DRIED	STN	207	0	9	117	9				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	13	54	6,641	107,460	6,641				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	39	5,412	995	5,595	995				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	53	878	551	265	327	23	12		
1848034	PET FOOD NSPF, RETAIL SALE	LB	141	48	43	17	20	15	12		
1848035	POULTRY FEEDS, PREPARED	STN	189	0	13						
1848040	DAIRY CATTLE FEED, PREPARED	STN	149	0	38						
1848045	LIVESTOCK FEED, PREP, NSPF	STN	11	62	7,340	124,784	7,337	3	3		
1848070	CITRUS PULP PELLETS	STN	24	22	2,153	43,558	2,153				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	73	2	277	3,953	261				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	104	51	108	61	108				
1865700	HAIR AND BRISTLES, NSPF	LB	91	81	165	84	165				
1911520	BULL SEMEN (BOVINE)		22	0	2,332			7	2,332		1,857
1912520	PANCREAS GLANDS		113	0	91	87	91				
1912540	HOOVES, ANTLERS, NAILS, CLAWS		106	0	102	89	102				
1912550	ANIMAL PRODUCTS, CATTLE EMB		29	1	1,524			10	1,453		
1912570	ANIMAL PRODUCTS, NSPF		51	0	596	126	114	4	482		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		167	0	26			19	26		2
1921140	FOLIAGE, ORNAMENTAL PURPOSES		158	0	33	15	10	12	23		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	95	432	138	573	120	3	12		
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	124	0	65	131	65				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	6	96	23,253	49,573	23,253			7	2,013
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	49	2	602	304	602			2	528
4523400	LEMON OIL	LB	67	183	360	277	350	1	10	7	51
4524400	ORANGE OIL	LB	110	97	97	106	86	1	11	21	26
7482500	FLOWERS, CUT NATURAL, DRIED		109	0	97	7	6	13	91		
7482900	OTHER DRIED PLANTS, N.S.P.F.		178	0	21			22	21		
	TOTALS FOR FRANCE				$331,328	679,147	$230,073	29,734	$73,968		$73,007
	HG KONG COUNTRY RANK 15										
1000210	CHICKENS, BREEDER STOCK, EGG	NO	247	4	11			1	11		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	70	174	526			26	526		
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	153	100	87	93	57	2	30		
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	191	28	39			131	39	28	39
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	203	0	33			14	33		
1009620	ANIMALS, LIVE, NSPF FOR FOOD	NO	208	4	29			3	29		
1009640	LIVE ANIMALS, NSPF		130	0	143			14	143		29
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	66	879	549	915	549			679	441
1054140	CHICKENS, EX YOUNG, WHOLE	LB	117	449	182	450	182			447	180
1054160	CHICKEN PIECES, FRESH, ETC.	LB	1	119,235	52,606	122,111	52,586	11	20	43,364	19,982
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	80	555	402	567	402			64	46
1055140	TURKEY PIECES, FRESH, ETC	LB	59	1,393	627	1,448	627			542	293
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	54	1,056	710	1,082	710			581	446
1057100	POULTRY LIVERS, FRESH, ETC	LB	50	1,367	913	1,413	913			1,316	896
1058100	BIRD MEAT, CANNED	LB	113	84	201	95	201			84	201
1058300	BIRD MEAT, PREP, EX CANNED	LB	34	1,379	1,524	1,462	1,524			477	404
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	36	611	1,477	626	1,477			242	647
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	8	3,792	8,610	3,813	8,454	54	155	3,568	7,902
1061080	VEAL, CRCSS, FRESH, CHILLED, ETC	LB	141	49	118	51	118			49	118
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	92	79	303	81	292	2	11	75	284
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	233	10	17	11	17			10	17
1068200	BEEF TONGUES, FRESH, ETC	LB	249	8	10	9	10			4	5
1068400	BEEF LIVER, FRESH, ETC	LB	211	46	26	49	26			46	26
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	27	2,495	2,135	2,562	2,128	17	7	1,998	1,680
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	234	9	15			10	15	9	15
1070100	SAUSAGES, ETC, CANNED	LB	221	14	22	17	22			14	22
1070200	SAUSAGES, ETC, EXC CANNED	LB	35	1,591	1,517	1,708	1,515	1	2	1,537	1,413
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	115	101	188	113	172	6	17	39	60
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	240	3	13	3	13			3	13
1074200	BEEF AND VEAL, CANNED	LB	197	26	34	30	34			23	28
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	105	91	240	75	172	26	68	84	201
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	257	7	7			7	7	7	7
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	172	34	63	38	63			34	63
1076600	MT & EDBL OFFL, PREP EX CANND	LB	91	164	318	69	87	111	232	135	266

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1150100	MLK & CRM, FLUID, FRSH OR SOUR	GAL	104	44	246	318	246			44	246
1153000	MILK & CRM, NT SWT(EVAP)CANND	LB	281	7	3			8	3		
1153500	MILK & CRM, SWT(CONDNSD) CNND	LB	179	213	53	230	53			213	53
1155040	NONFAT DRY MILK, NOT DONATED	LB	196	14	35	19	35				
1155700	DRIED MILK AND CREAM, NSPF	LB	192	49	39	60	39			42	37
1160100	BUTTER	LB	204	19	32	23	32			19	32
1163000	MARGARINE, INCLDNG OLEO	LB	190	80	40	91	40			80	40
1171700	CHEDDAR CHEESE	LB	166	53	74	59	74			5	9
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	97	207	296	279	294	1	2	206	294
1178600	CHEESES, NSPF	LB	138	62	126	72	123	2	3	61	123
1181000	YOGURT, OTHER FERMENTD MILK	LB	266	6	6	7	6			6	6
1181200	INFNTS DIET SUPP, DRY MILK	LB	23	1,211	2,507	1,622	2,507			498	1,084
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	165	106	77	136	77				
1182500	ICE CREAM	GAL	16	1,480	3,481	5,678	3,478	3	3	1,480	3,481
1186000	MILK PRODUCTS, NSPF		163	0	77	58	77				77
1195100	SHELL EGGS FOR HATCHING	DOZ	180	5	53			6	53		
1195300	EGGS IN THE SHELL, NSPF	DOZ	9	9,615	5,716	16,506	5,710	1	6	5,114	2,885
1196520	EGG ALBUMEN(WHITES), DRIED	LB	123	70	165	73	165			70	165
1196540	WHL EGGS, OR YLKS, N/SHLL, DRD	LB	200	18	33	19	33			18	33
1197020	EGG ALBUMEN(WHITES), EX DRIED	LB	231	42	18	42	18				
1197040	WHL EGG OR YLK, N/SHLL, EX DRD	LB	184	130	48	137	48				
1201400	CATTLE HIDES, WHOLE	PC	10	106	5,429	5,741	5,351	116	78	89	4,550
1201720	WHOLE CALF SKINS	PC	201	10	33	122	33			10	33
1201740	WHOLE KIP SKINS	PC	161	6	81	164	81			6	81
1201755	CATTLE HIDE CROUPONS ETC	PC	129	7	144	43	139	1	5	5	85
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	77	1,168	433	1,212	431	23	2	699	365
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	154	16	87	1	15	16	72	1	15
1202047	GOAT AND KID SKINS	PC	199	14	34	45	31	11	3	13	31
1202092	PIG AND HOG SKINS	NO	195	13	35	43	31	5	4	2	5
1202095	OTHER HIDES AND SKINS, NSPF	NO	68	0	541	44	449	7	92		48
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	219	3	23			1	23		
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		279	0	4			2	4		2
1258100	LIVE PLANTS, NSPF		263	0	6	17	6				
1265700	MILLET	LB	270	44	6	44	6				
1266100	ONION SEED	LB	156	6	34	7	70	2	14	6	84
1267100	PEPPER SEED	LB	241	2	12	2	2	1	10	2	12
1268700	TREE AND SHRUB SEEDS	LB	169	4	69			5	69		
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	170	78	69	78	69			66	53
1271515	CUCUMBER SEED	LB	256	1	7			1	7	1	7
1271530	LETTUCE SEED	LB	280	0	4	0	2	0	2	0	4
1271560	TOMATO SEED	LB	258	1	7	1	7			1	7
1271580	VEGETABLE SEEDS, NSPF	LB	58	306	643	333	641	0	2	107	437
1271590	SEEDS, NSPF	LB	107	211	237	218	223	1	14	97	133
1303465	YELLOW CORN, NOT DONATED	BU	30	821	1,676	45,964	1,676				
1303475	CORN, NSPF, NOT DONATED	BU	243	5	11	283	11			5	11
1305000	RICE, PADDY OR ROUGH	LB	202	355	33	358	33			355	33
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	275	11	5	11	5			11	5
1305560	RICE, HUSKED, BRWN, SHORT GRAIN	LB	292	4	2	4	2			4	2
1306540	WHEAT, UNMILLED, NOT DONATED	BU	4	4,616	16,149	276,998	16,149				
1313015	LG OR PRBL HD RICE, NT RELIEF	LB	283	12	3	13	3			12	3
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	18	21,322	2,980	21,379	2,980			20,198	2,839
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	74	3,858	507	3,875	507			3,858	507
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	245	1	11	93	11			1	11
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	193	4	38	397	38			2	25
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	264	1	6	91	6			1	6
1321700	MALTS	LB	286	13	3	13	3			13	3
1322700	MALT EXTRACT	LB	237	43	14	46	14			30	9
1324020	CORNSTARCH, INCLUDING MILO	LB	71	1,569	517	1,602	517			606	82
1324040	STARCHES, NSPF	LB	178	120	54	122	54			26	19
1351800	ASPARAGUS, FRESH OR CHILLED	LB	89	301	329	14	13	312	316	244	249
1352100	BEANS, FRESH OR CHILLED	LB	145	312	109	318	109			312	109
1352300	BROCCOLI, FRESH OR CHILLED	LB	181	218	51	226	51			218	51
1352500	BRUSSEL SPROUTS, FRH OR CHLD	LB	250	14	10			17	10	14	10
1352700	CABBAGE, FRESH OR CHILLED	LB	116	951	186	998	186			951	186
1352900	CARROTS, FRESH OR CHILLED	LB	164	273	77	283	77			273	77
1353100	CAULIFLOWER, FRESH OR CHILLED	LB	228	55	19	66	19			55	19
1353300	CELERY, FRESH OR CHILLED	LB	28	11,730	1,936	12,539	1,931	22	5	11,730	1,936
1353700	SWEET CORN, FRESH OR CHILLED	LB	127	215	149	224	144	9	5	215	149
1354300	LETTUCE, FRESH OR CHILLED	LB	11	24,930	4,632	26,060	4,425	857	207	24,930	4,632
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	41	10,136	1,175	10,389	1,175			6,358	744
1354700	PEPPERS, FRESH OR CHILLED	LB	114	837	197	864	161	40	37	837	197
1354940	POTATOES, WHITE, FR EX SEED	LB	146	658	106	669	106			239	50
1355300	TOMATOES, FRESH OR CHILLED	LB	31	5,303	1,665	5,557	1,665			5,303	1,665
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	56	1,924	667	1,678	326	365	341	1,424	592
1381000	CARROTS, FROZEN	LB	235	74	15	79	15			50	6
1382000	CORN, SWEET, FROZEN	LB	85	1,159	355	1,197	355			37	11
1383000	PEAS, FROZEN	LB	103	869	251	889	251			221	82
1387000	VEGETABLES, NSPF, FROZEN	LB	53	2,299	839	2,400	832	10	7	556	339
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	186	156	45	157	45			156	45
1400520	LIMA BEANS, BABY	LB	236	54	15	54	15			39	10
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	220	70	22	71	22			70	22
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	294	2	2	3	2			2	2
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	152	261	91	267	91			206	84
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	84	1,126	357	1,152	357			1,126	357
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	293	5	2	5	2			5	2
1403300	PEAS, SEED	LB	262	20	7	20	7				
1403500	LENTILS, DRIED, ETC	LB	289	8	2	8	2				
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	252	7	8	7	8			7	8
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	205	39	31	42	31			37	28
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	288	4	2	5	2				
1405640	POTATO GRANULES DRY EX FLOUR	LB	248	15	10	15	10				
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	224	31	21	33	21				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	175	17	59	19	59			17	59
1407100	VEGETABLES REDUCED TO FLOUR	LB	274	5	5	5	5			5	5

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SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1410100	ASPARAGUS, CND, EXCL. PICKLED	LB	209	26	28	32	28			26	28
1410320	DRY BEANS, CND, EXCL. PICKLED	LB	222	56	22	64	22			56	22
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	167	194	73	226	73			190	69
1410500	CORN, CANNED, EXCL. PICKLED	LB	21	7,191	2,563	8,613	2,563			5,031	1,722
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	259	19	7	23	7			19	7
1412240	TMTO SC, EX CTSP & CHILI SC	LB	144	236	111	284	111			206	102
1412260	TOMATO PASTE, CANNED	LB	137	275	127	324	127			275	127
1412280	TOMATOES, CANNED, NSPF	LB	225	54	21	60	21			54	21
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	112	453	207	611	207			395	187
1414200	VEGETABLE BABY FOOD, CANNED	LB	111	601	233	793	233			601	233
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	131	516	143	627	143			477	124
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	134	308	137	392	137			183	92
1417500	VEGETABLES, PREP, PRES, NSPF	LB	133	346	138	368	138			108	56
1441000	MUSHROOMS, FRESH	LB	276	2	4			3	4	2	4
1442500	MUSHROOMS, CANNED	LB	143	208	112	262	112			57	30
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	290	0	2			0	2	0	2
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	251	4	8	4	8			3	3
1452200	PECANS, NOT SHELLD OR ROASTED	LB	206	42	30	42	30			42	30
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	213	22	25	23	25			22	25
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	40	1,263	1,298	1,327	1,298			1,263	1,298
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	75	328	498	339	498			249	471
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	49	498	943	529	940	1	2	498	943
1454900	PECANS, SHELLED, NOT BLANCHED	LB	260	5	7	6	7			5	7
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	273	8	5	10	5			8	5
1455720	PISTACHIOS, SHELLED	LB	159	34	84	37	84			34	84
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	198	25	34	30	34			25	34
1456100	ALMONDS, PREPARED, PRESERVED	LB	65	263	554	338	554			263	554
1457520	PISTACHIOS, PREP OR PRESRVD	LB	67	216	547	394	547			213	536
1457542	MACADAMIA, PREP OR PRESERVED	LB	79	85	412	164	412			42	146
1457545	CASHEWS, PREP OR PRESERVED	LB	147	29	105	57	105			29	105
1457547	OTHER NUTS, PREP OR PRESERVED	LB	151	23	92	28	92			1	2
1459000	MIXTURES OF EDIBLE NUTS	LB	86	152	353	288	353			152	353
1461000	APPLES, FRESH	LB	5	58,043	13,545	62,456	13,498			943	216
1463500	AVOCADOS, FRESH	LB	254	4	8			4	8	4	8
1465500	STRAWBERRIES, FRESH	LB	93	206	303	32	12	190	290	206	303
1466500	BERRIES, FRESH, NSPF	LB	168	165	72	177	65	5	7	165	72
1468520	CHERRIES, SWEET, FRESH	LB	12	4,303	4,604	3,021	2,711	1,525	1,797	2,049	2,320
1471500	GRAPEFRUIT, FRESH	LB	33	6,056	1,593	6,241	1,582	28	11	4,333	1,182
1471900	LEMONS, FRESH	LB	15	15,731	3,881	16,466	3,881			15,731	3,881
1472200	LIMES, FRESH	LB	76	2,093	480	2,273	480			2,093	480
1473120	TANGERINES, FRESH	LB	32	4,961	1,624	5,017	1,624			4,961	1,624
1473130	TEMPLE ORANGES, FRESH	LB	44	5,734	1,115	6,139	1,115			5,666	1,099
1473140	ORANGES, FRESH, NSPF	LB	2	201,300	47,992	212,679	47,968	10	25	201,089	47,941
1473500	CITRUS FRUITS, FRESH, NSPF	LB	20	4,507	2,653	2,706	886	1,998	1,767	4,507	2,653
1476500	GRAPES, FRESH	LB	6	20,222	11,014	23,042	10,947	75	67	20,176	10,998
1481700	CANTALOUPES, FRESH	LB	261	12	7			12	7	12	7
1482700	MELONS, FRESH, NSPF	LB	13	16,532	4,215	17,735	4,210	6	5	16,532	4,215
1487500	PEACHES & NECTARINES, FRESH	LB	119	248	176	71	37	191	139	242	172
1488500	PEARS, FRESH	LB	48	2,716	966	2,903	966			1,191	431
1491700	PRUNES AND PLUMS, FRESH	LB	7	24,411	9,789	23,661	8,341	1,841	1,448	23,981	9,656
1493050	KIWIFRUIT, FRESH	LB	95	295	298	308	291	5	7	295	298
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	38	1,170	1,407	70	36	1,221	1,371	1,167	1,403
1497000	STRAWBERRIES, FROZEN	LB	214	38	25	4	3	36	22	38	25
1497500	BERRIES, FROZEN, NSPF	LB	215	25	24	27	24			5	6
1498520	CHERRIES, SWEET, FROZEN	LB	185	27	45	21	33	9	13	19	33
1499000	FRUITS, FROZEN, NSPF	LB	162	146	81	156	81			34	19
1502200	APRICOTS PEACHES PEARS DRIED	LB	207	23	29	25	29			23	29
1504500	DATES, DRIED	LB	171	54	66	63	66			54	66
1505200	FIGS, DRIED	LB	61	497	614	518	614			497	614
1506500	GRAPES (RAISINS), DRIED	LB	43	1,102	1,126	1,285	1,126			1,102	1,126
1508000	PRUNES, DRIED	LB	51	1,209	895	1,345	895			1,163	863
1508500	FRUITS, DRIED, NSPF	LB	122	87	168	90	168			89	168
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	158	63	84	78	84			63	84
1510500	FRUIT IN BRINE, NSPF	LB	282	7	3	8	3			7	3
1511000	APRICOTS, PREP OR PRESERVED	LB	124	205	159	243	159			95	75
1512000	MARASCHINO CHERRIES, PREP	LB	57	789	652	909	652			251	245
1512520	CHERRIES, SWEET, NSPF, PREP	LB	142	179	114	213	114			77	27
1513000	BERRIES, PREPARED OR PRES	LB	149	183	94	211	94			163	91
1515000	OLIVES, CANNED	LB	160	75	83	92	83			75	83
1516000	PEACHES AND NECTARINES, PREP	LB	87	799	352	951	352			799	352
1517000	PEARS, PREPARED OR PRESERVED	LB	210	54	28	65	28			54	28
1518500	FRUIT NSPF, PREP, PRESERVED	LB	136	209	128	229	120	7	8	209	128
1519500	FRUIT MIXTURES, NSPF, PREP	LB	14	8,311	4,023	9,647	3,866	214	157	8,108	3,868
1525500	FRUIT BABY FOOD, CANNED	LB	148	257	98	364	98			257	98
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	120	158	174	166	174			153	167
1533000	JAMS, JELLIES MARMALADES ETC	LB	100	391	279	438	279			391	279
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	45	202	1,060	269	1,060			7	15
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	182	133	50	147	50			133	50
1552045	RAW SUGAR, BEET OR CANE	STN	268	0	6	48	6			0	6
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	265	16	6	12	4	5	2	3	2
1557000	HONEY	LB	64	851	555	842	474	141	81	713	467
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	121	243	170	332	166	1	3	241	168
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	223	39	21	52	21			30	18
1618100	RED PEPPER	LB	216	13	24	21	24			13	24
1621700	SPICE AND SPICE SEEDS, NSPF	LB	94	186	300	216	300			184	292
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	106	106	238	830	238			98	217
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	82	220	374	1,183	374			187	327
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	81	215	374	1,232	374			201	346
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	73	290	509	2,740	509			25	29
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	69	215	537	2,360	537			210	520
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	132	80	141	153	141			43	79
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	244	6	11	10	11			6	11
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	60	348	616	729	616			28	77
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	29	1,272	1,684	2,385	1,684			815	1,109

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	125	150	158	227	158			125	148
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	255	3	7	33	7			3	7
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	155	49	85	111	85				
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	157	63	84	206	84			53	71
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	72	446	515	969	515			424	49[illegible]
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	88	145	339	340	331	9	8	128	3[illegible]
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	140	192	121	385	121				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	227	31	20	62	20			31	20
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	55	283	689	2,916	689			282	687
1663040	VEGETABLE JUICES, NSPF	GAL	217	3	24	19	24			3	24
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	22	1,234	2,549	5,754	2,549			1,147	2,085
1673100	STILL WINE NT OV 14% ALCOHOL	WG	52	124	872	1,513	845	32	27	118	803
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	126	23	155	18[illegible]	153	13	2	23	153
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	174	16	61	218	61			10	43
1683000	BRANDY	PFG	101	19	264	309	264			19	264
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	229	44	19	45	19			4	2
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	212	40	25	41	25			40	25
1761840	COTTONSEED OIL, ONCE-REFINED	LB	277	24	4	38	4			24	4
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	189	101	41	106	41			101	41
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	287	10	2	12	2			10	2
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	284	11	3	11	3				
1775900	WOOL GREASE	LB	230	15	19	17	19			15	19
1781140	VEG SALAD OIL, NOT RELIEF	LB	269	22	6	25	6				
1783540	COTTONSEED OIL, HYDROGENATED	LB	239	29	14	32	14			29	14
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	98	666	294	702	294			666	294
1786000	SALAD & COOKING OIL, MIXTURE	LB	176	112	57	137	57			112	57
1787020	BAKING FATS, MIX OF VEG OILS	LB	128	253	145	296	145			253	145
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	238	15	14	16	14			6	3
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	194	16	38	17	38			15	36
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	232	19	18	23	18			16	11
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	267	17	6	22	6			17	6
1824420	CATSUP AND CHILI SAUCE	LB	19	7,372	2,895	10,408	2,895			7,372	2,895
1825120	SOUPS, DRIED OR DEHYDRATED	LB	188	42	43	42	41	2	2	42	43
1825140	SOUPS, N S P F	LB	24	6,508	2,471	7,765	2,471			6,475	2,456
1825600	VINEGAR	GAL	150	60	92	439	92			60	92
1827000	WILD RICE CRUDE OR PROCESSED	LB	272	1	5			1	5	1	5
1829420	POTATO CHIPS AND STICKS	LB	83	212	362	313	362			27	55
1829740	MIXED SEASONINGS	LB	109	114	235	126	233	0	2	88	184
1829742	VEG FLOURS & GRITS, DEFATTED	LB	183	88	50	97	50				
1829752	VEGETABLE PROTEIN ISOLATES	LB	246	27	11	28	11				
1829754	VEG PRO CONCENTRATES, ETC	LB	90	431	320	443	320			356	265
1829760	EDIBLE PREP, NSPF, CANNED	LB	47	1,246	968	1,428	968			1,135	906
1829770	EDIBLE PREP, NSPF, FROZEN	LB	46	2,244	972	2,342	972			2,234	952
1829780	EDIBLE PREPARATIONS, NSPF	LB	25	2,526	2,293	2,718	2,019	190	275	2,251	2,081
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	96	1	298	1,623	298			1	298
1842500	BREWERS' GRAINS, MALT SPROUT	STN	278	0	4	91	4			0	4
1843600	HAY AND STRAW	STN	226	0	21	503	21				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	291	0	2	12	2			0	2
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	102	1	264	2,173	264			0	5
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	242	42	11	45	11			42	11
1848005	ALFALFA HAY CUBES	STN	271	0	5	90	5				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	78	1,519	419	1,642	413	5	6	1,492	401
1848034	PET FOOD NSPF, RETAIL SALE	LB	63	1,031	565	1,069	562	4	2	664	337
1848035	POULTRY FEEDS, PREPARED	STN	17	13	3,239	25,571	3,239			11	2,881
1848040	DAIRY CATTLE FEED, PREPARED	STN	285	0	3	38	3			0	3
1848045	LIVESTOCK FEED, PREP, NSPF	STN	42	1	1,132	2,617	1,132			1	878
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	26	7	2,272	14,240	2,272			3	911
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	37	560	1,442	571	1,439	0	3	261	654
1865700	HAIR AND BRISTLES, NSPF	LB	253	9	8			9	8		
1911520	BULL SEMEN (BOVINE)		173	0	62			0	62		60
1912540	HOOVES, ANTLERS, NAILS, CLAWS		135	0	128			23	128		60
1912570	ANIMAL PRODUCTS, NSPF		139	0	122	7	84	4	38		80
1920600	SEAWEED AND CARRAGEENIN	LB	39	309	1,330	326	1,293	7	37	4	23
1921140	FOLIAGE, ORNAMENTAL PURPOSES		187	0	45	76	45				
1923200	HOP EXTRACT AND LUPULIN	LB	62	66	604	69	604			32	279
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	218	2	24			3	24	2	24
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	110	319	235	300	232	43	3	306	85
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	108	2	236	862	236			1	210
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	3	62	18,089	32,199	18,089			35	10,141
4523400	LEMON OIL	LB	118	38	177	42	165	0	13	28	173
4524400	ORANGE OIL	LB	99	202	280	225	275	1	6	23	61
7482500	FLOWERS, CUT NATURAL, DRIED		177	0	56	22	56				53
	TOTALS FOR HG KONG				$309,386	1,147,347	$298,607	10,152	$10,636		$207,490
	INDNSIA COUNTRY RANK 25										
1000210	CHICKENS, BREEDER STOCK, EGG	NO	14	86	738			3	738		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	9	140	1,679			22	1,679		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	30	139	116			8	116		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	103	0	3	2	3				
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	6	6	3,021	3,901	3,021				
1007100	HORSES FOR BREEDING	NO	42	0	60			40	60	0	60
1009640	LIVE ANIMALS, NSPF		98	0	4			0	4		2
1054160	CHICKEN PIECES, FRESH, ETC	LB	20	112	272	113	272			112	272
1055140	TURKEY PIECES, FRESH, ETC	LB	89	9	7	10	7			9	7
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	51	69	44	72	44			33	34
1058100	BIRD MEAT, CANNED	LB	111	1	2	1	2			1	2
1061C25	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	21	125	249	135	249			37	104
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	11	553	1,548	593	1,548			537	1,487
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	68	42	19	45	19			42	19

-- INDNSIA CONTINUED ON NEXT PAGE --

TABLE 7.

1 9 8 7 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1070200	SAUSAGES, ETC, EXC CANNED	LP	60	20	30	23	30			20	30
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	66	23	25	23	25			23	25
1076600	MT & EDBL OFFL, PREP EX CANND	LB	35	41	97	52	92	3	5	34	75
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	99	4	4	6	4				
1150100	MLK & CRM, FLUID, FRSH OR SOUR	GAL	36	13	78	91	78			13	78
1155020	NONFAT DRY MILK, DONATED	LB	7	7,539	2,051	7,690	2,051			2,557	696
1155040	NONFAT DRY MILK, NOT DONATED	LB	13	2,054	783	2,090	783			28	54
1163000	MARGARINE, INCLDNG OLEO	LB	67	24	20	27	20			17	13
1171700	CHEDDAR CHEESE	LB	108	2	3	2	3			2	3
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	55	19	36	21	36			19	36
1178600	CHEESES, NSPF	LB	79	6	12	7	12			6	12
1180500	WHEY, DRIED	LB	17	476	420	500	420				
1258100	LIVE PLANTS, NSPF		95	0	5			1	5		5
1265700	MILLET	LB	97	46	4	46	4				
1271580	VEGETABLE SEEDS, NSPF	LB	82	1	9	2	9			1	9
1271590	SEEDS, NSPF	LB	76	1	15	1	12	0	3	1	15
1303420	SWEET CORN SEED, NOT DONATED	LB	115	3	2			3	2		
1303465	YELLOW CORN, NOT DONATED	BU	3	4,335	10,104	242,994	10,104				
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	12	620	1,138	34,722	1,138				
1306520	WHEAT, UNMILLED, DONATED	BU	16	243	584	14,601	524				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	2	7,335	24,317	440,102	24,317				
1313010	RICE, DONATED FOR RELIEF	LB	15	7,900	632	7,921	632				
1314050	BULGUR WHEAT, DONATED	CWT	8	257	1,842	25,787	1,842			65	407
1322700	MALT EXTRACT	LB	113	12	2			13	2		
1324020	CORNSTARCH, INCLUDING MILO	LB	62	64	28	65	28			25	21
1324040	STARCHES, NSPF	LB	72	24	16	25	16			24	16
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	104	38	3	40	3			38	3
1387000	VEGETABLES, NSPF, FROZEN	LB	18	1,119	381	1,204	381			113	140
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	102	5	4	5	4			5	4
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	25	212	165	222	165			212	165
1407100	VEGETABLES REDUCED TO FLOUR	LB	37	60	77	95	77			60	77
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	78	32	12	36	12			32	12
1410500	CORN, CANNED, EXCL. PICKLED	LB	49	153	45	179	45			153	45
1412260	TOMATO PASTE, CANNED	LB	75	21	15	26	15			21	15
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	59	64	33	84	33			64	33
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	119	6	2	6	2			6	2
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	112	2	2	2	2			2	2
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	29	46	122	48	122			46	122
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	105	1	3	1	3			1	3
1456100	ALMONDS, PREPARED, PRESERVED	LB	56	12	36	14	36			12	36
1459000	MIXTURES OF EDIBLE NUTS	LB	114	2	2	3	2			2	2
1504500	DATES, DRIED	LB	118	1	2	1	2			1	2
1506500	GRAPES (RAISINS), DRIED	LB	28	193	126	200	126			193	126
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	100	5	4	5	4			5	4
1512000	MARASCHINO CHERRIES, PREP	LB	101	4	4	4	4			4	4
1512520	CHERRIES, SWEET, NSPF, PREP	LB	80	13	12	16	12			13	12
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	63	59	28	79	28				
1515000	OLIVES, CANNED	LB	117	4	2	4	2			4	2
1516000	PEACHES AND NECTARINES, PREP	LB	34	111	104	118	104			111	104
1517000	PEARS, PREPARED OR PRESERVED	LB	94	8	5	10	5			8	5
1518500	FRUIT NSPF, PREP, PRESERVED	LB	81	9	10	10	10			9	10
1519500	FRUIT MIXTURES, NSPF, PREP	LB	65	50	26	59	26			50	26
1525500	FRUIT BABY FOOD, CANNED	LB	96	8	4	8	4				
1533000	JAMS, JELLIES MARMALADES ETC	LB	64	42	26	49	26			42	26
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	90	6	7	7	7			6	7
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	110	3	2	3	2			3	2
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	70	27	18	134	15	32	3	22	15
1557000	HONEY	LB	74	17	15	20	15			17	15
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	48	35	51	52	51			34	49
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	69	31	18	37	18			31	18
1621700	SPICE AND SPICE SEEDS, NSPF	LB	46	8	54	19	54			8	54
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	109	1	3	9	3			1	3
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	71	5	18	47	18			5	18
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	24	171	195	514	195			169	186
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	53	34	38	38	38				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	33	61	105	104	105			61	105
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	93	2	6	5	6			2	6
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	73	9	16	93	16			9	16
1663040	VEGETABLE JUICES, NSPF	GAL	86	2	7	11	7			2	7
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	91	4	6	45	6			4	6
1673100	STILL WINE NT OV 14% ALCOHOL	WG	43	11	56	138	56			11	56
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	83	1	8	14	8			1	8
1761880	COTTONSEED SALAD OIL NT/RELF	LB	57	119	33	122	33			119	33
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	88	18	7	22	7			18	7
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	54	56	38	61	38			56	38
1769180	JOJOBA OIL, UNMIXED	LB	116	0	2	0	2			0	2
1775640	TALLOW, INEDIBLE	LB	77	33	13	36	13				
1775900	WOOL GREASE	LB	107	1	3	1	3			1	3
1781140	VEG SALAD OIL, NOT RELIEF	LB	27	372	130	410	130			372	130
1787020	BAKING FATS, MIX OF VEG OILS	LB	52	58	41	65	41			58	41
1824420	CATSUP AND CHILI SAUCE	LB	50	163	45	190	45			163	45
1825140	SOUPS, N S P F	LB	58	62	33	73	33			62	33
1829420	POTATO CHIPS AND STICKS	LB	41	30	61	41	61			30	61
1829740	MIXED SEASONINGS	LB	40	25	61	30	61			25	61
1829752	VEGETABLE PROTEIN ISOLATES	LB	38	72	76	75	76			51	25
1829754	VEG PRO CONCENTRATES, ETC	LB	47	33	52	34	52			33	52
1829760	EDIBLE PREP, NSPF, CANNED	LB	92	14	6	18	6			14	6
1829770	EDIBLE PREP, NSPF, FROZEN	LB	26	88	150	91	150			81	139
1829780	EDIBLE PREPARATIONS, NSPF	LB	32	128	105	130	103			96	79
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	44	1	56	1,329	56				
1848025	FEATHER MEAL	STN	10	9	1,646	18,483	1,646				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	31	234	107	253	104	0	3	234	107
1848034	PET FOOD NSPF, RETAIL SALE	LB	22	229	223	227	186	7	37	184	131
1848045	LIVESTOCK FEED, PREP, NSPF	STN	84	0	8	9	8				

-- INDNSIA CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	19	1	320	1,659	320			0	15
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	106	0	3	0	3				
1911520	BULL SEMEN (BOVINE)		61	0	29			0	29		22
1920600	SEAWEED AND CARRAGEENIN	LB	23	40	197	33	145	11	52	3	15
1923200	HOP EXTRACT AND LUPULIN	LB	39	17	66	19	66				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	87	1	7	1	4	0	4	1	7
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	5	14	3,272	7,537	3,270	0	3	13	2,840
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	1	226	67,468	117,197	67,468			179	54,032
3001550	COTTON OTH. 1-1/8 IN OR MORE	RBA	4	9	3,393	4,534	3,393			8	3,180
4523400	LEMON OIL	LB	85	1	8	1	8			1	5
4524400	ORANGE OIL	LB	45	52	55	58	52	0	3	28	17
	TOTALS FOR INDNSIA				$129,613	938,228	$126,868	144	$2,745		$66,161
IRAQ	COUNTRY RANK 1C										
1004120	CATTLE, BEEF, BREEDING, MALE	NO	32	0	270			231	270		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	43	0	26			23	26		
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	14	4	4,658			2,926	4,658		
1004190	CATTLE, LIVE, NOT FOR BREEDING	NO	33	0	176			106	176		
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	7	46,668	24,411	50,098	24,411				
1054140	CHICKENS, EX YOUNG, WHOLE	LB	11	14,703	7,586	15,662	7,586				
1054160	CHICKEN PIECES, FRESH, ETC.	LB	6	67,551	27,433	72,305	27,433				
1153500	MILK & CRM, SWT(CONDNSD) CNND	LB	45	43	15	44	15				
1155020	NONFAT DRY MILK, DONATED	LB	21	4,928	1,481	5,018	1,481				
1155040	NONFAT DRY MILK, NOT DONATED	LB	9	26,019	8,660	26,452	8,660				
1160100	BUTTER	LB	30	1,052	656	1,243	656				
1163000	MARGARINE, INCLDNG OLEO	LB	44	33	20	38	20				
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	22	2,125	1,280	2,217	1,280				
1181200	INFNTS DIET SUPP, DRY MILK	LB	17	1,649	2,636	1,751	2,555				
1195300	EGGS IN THE SHELL, NSPF	DOZ	13	12,650	6,374	18,556	6,374				
1201400	CATTLE HIDES, WHOLE	PC	25	21	1,017	1,097	1,017				
1261700	SEED, CARROT	LB	40	22	55	34	55				
1266100	ONION SEED	LB	37	60	114	60	114			60	114
1267100	PEPPER SEED	LB	38	9	96	17	96				
1268700	TREE AND SHRUB SEEDS	LB	39	6	57	6	57				
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	46	2	7	2	7				
1271515	CUCUMBER SEED	LB	23	201	1,213	293	1,213			29	115
1271560	TOMATO SEED	LB	20	200	1,685	224	1,685			111	833
1271580	VEGETABLE SEEDS, NSPF	LB	19	1,086	2,284	1,241	2,284				
1271590	SEEDS, NSPF	LB	29	776	750	776	750			15	25
1301040	BARLEY, OTHER THAN MALTING	BU	24	1,036	1,127	49,709	1,127				
1303440	CORN SEED, EXC SWT, NT DONATED	LB	42	5	29	5	29				
1303465	YELLOW CORN, NOT DONATED	BU	3	17,082	36,420	956,577	36,420				
1304020	GRAIN SORGHUM SEED	LB	34	441	164	449	164				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	2	31,466	79,921	1,887,923	79,921			2,122	6,093
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	1	1,121,181	118,549	1,123,318	118,549				
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	8	2,873	17,685	287,839	17,685				
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	10	31,945	8,608	32,107	8,608				
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	27	1,748	838	1,795	838			1,748	838
1403100	BEANS, SEED	LB	36	206	139	206	139			206	139
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	4	395,836	32,456	399,427	32,456				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	35	132	158	225	158				
1751500	COTTONSEED	LB	41	94	33	95	33				
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	26	1,545	963	1,826	963				
1775640	TALLOW, INEDIBLE	LB	12	46,037	7,101	46,037	7,101				
1777320	ANHYDROUS MILK FAT	LB	16	4,004	2,699	4,481	2,699				
1777390	OTHER TALLOW, NSPF	LB	28	1,524	830	1,630	830				
1781120	VEG SALAD OIL HYDRGNTD RELEF	LB	18	4,046	2,302	4,312	2,302				
1781140	VEG SALAD OIL, NOT RELIEF	LB	31	668	353	682	353				
1848035	POULTRY FEEDS, PREPARED	STN	5	75	29,127	150,892	29,127				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	15	11	4,604	5,504	4,604				
	TOTALS FOR IRAQ				$437,067	5,152,176	$431,856	3,286	$5,131		$8,157
ISRAEL	COUNTRY RANK 24										
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	34	50	253			8	253		
1007100	HORSES FOR BREEDING	NO	85	0	40			5	40		
1009640	LIVE ANIMALS, NSPF		35	0	245			15	245		
1058300	BIRD MEAT, PREP, EX CANNED	LB	103	46	25	49	25				
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	62	22	89	23	89				
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	73	53	65	56	65				
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	145	0	2			0	2		
1068200	BEEF TONGUES, FRESH, ETC	LB	15	770	1,275	807	1,275				
1068400	BEEF LIVER, FRESH, ETC	LB	16	2,785	1,255	2,923	1,255				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	7	3,117	2,080	3,279	2,080				
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	31	444	315	459	315				
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	97	36	30	38	30				
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	52	151	132	162	132				
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	135	0	3			0	3		
1153500	MILK & CRM, SWT(CONDNSD) CNND	LB	91	74	35	82	35				
1155020	NONFAT DRY MILK, DONATED	LB	46	789	167	912	167				
1155040	NONFAT DRY MILK, NOT DONATED	LB	19	1,946	1,019	1,984	1,019				
1155700	DRIED MILK AND CREAM, NSPF	LB	32	1,018	274	1,054	274				
1171700	CHEDDAR CHEESE	LB	110	10	21	11	21				
1178600	CHEESES, NSPF	LB	114	6	19	6	19				
1181000	YOGURT, OTHER FERMENTD MILK	LB	100	4	28	2	19	1	9		

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1181200	INFNTS DIET SUPP. DRY MILK	LB	87	27	37	31	18	4	19		
1181700	DIET SUPP.NSPF.MLK BS.ETC	LB	111	10	20	9	10	2	11	1	5
1186000	MILK PRODUCTS. NSPF		137	0	3			1	3		
1195100	SHELL EGGS FOR HATCHING	DOZ	122	11	13			3	13		
1195300	EGGS IN THE SHELL. NSPF	DOZ	63	31	87			19	87		
1196520	EGG ALBUMEN(WHITES).DRIED	LB	133	1	4			1	4		
1201400	CATTLE HIDES. WHOLE	PC	21	19	980	976	980				
1201720	WHOLE CALF SKINS	PC	106	4	23	27	23				
1201765	BOVINE HIDES.EXC WHOLE.NSPF	LB	95	323	34	361	34				
1258100	LIVE PLANTS. NSPF		127	0	8			2	8		8
1260140	ALFALFA SEED. CERTIFIED	LB	142	1	2	1	2			1	2
1264100	FLOWER SEED	LB	101	1	27			1	24	1	24
1265700	MILLET	LB	129	80	7	40	4				
1268700	TREE AND SHRUB SEEDS	LB	136	0	3			0	3	0	3
1271545	SQUASH SEED	LB	144	0	2			0	2	0	2
1271570	WATERMELON SEED	LB	48	52	163	47	148	6	15	5	15
1271580	VEGETABLE SEEDS. NSPF	LB	26	146	625	130	496	32	129	30	234
1271590	SEEDS. NSPF	LB	68	48	83	47	31	1	52	8	42
1301040	BARLEY. OTHER THAN MALTING	BU	4	4,949	5,971	237,553	5,971				
1301700	BUCKWHEAT AND CANARY SEED	LB	83	197	43	197	43				
1303420	SWEET CORN SEED. NOT DONATED	LB	25	360	684	360	670	2	10	4	8
1303440	CORN SEED.EXC SWT.NT DONATED	LB	56	106	108	.07	108				
1303465	YELLOW CORN. NOT DONATED	BU	2	17,540	34,913	982,261	34,913				
1304020	GRAIN SORGHUM SEED	LB	109	115	21	117	21				
1304040	GRAIN SORGHUM. EXCEPT SEED	BU	3	11,612	22,741	650,290	22,741				
1305520	RICE.HUSKED.BROWN.LONG GRAIN	LB	12	17,827	1,590	17,827	1,590				
1305560	RICE.HUSKED.BRWN.SHORT GRAIN	LB	57	699	104	699	104			567	84
1306000	RYE	BU	126	4	9	37	2			1	2
1306540	WHEAT.UNMILLED.NOT DONATED	BU	1	19,768	61,031	1,186,068	61,031				
1313010	RICE. DONATED FOR RELIEF	LB	38	1,760	209	1,765	209				
1313015	LG GR PRBL HD RICE.NT RELIEF	LB	39	209	94	225	94				
1313030	HD RICE.LG GRN.X PRBL.NT DON	LB	20	10,612	987	10,612	987				
1314030	WHEAT FLOUR.NSPF. DONATED	CWT	23	96	810	9,625	810				
1314040	WHEAT FLOUR.NSPF NT DONATED	CWT	9	402	1,966	23,713	1,966				
1314050	BULGUR WHEAT. DONATED	CWT	74	9	65	951	65				
1314060	BULGUR WHEAT.NOT DONATED	CWT	116	3	19	253	19				
1314540	MILLED GRAIN PRODUCTS. NSPF	CWT	138	2	2			2	2		
1321700	MALTS	LB	55	958	109	873	95				
1322700	MALT EXTRACT	LB	118	35	15	38	15				
1324020	CORNSTARCH. INCLUDING MILO	LB	40	362	198	356	187	11	11		
1324040	STARCHES. NSPF	LB	143	4	2			4	2		
1354000	GARLIC. FRESH OR CHILLED	LB	84	28	42	28	42				
1382000	CORN. SWEET. FROZEN	LB	66	263	85	270	85			223	70
1387000	VEGETABLES. NSPF. FROZEN	LB	98	89	29	92	29			89	29
1400300	GR NRTN BNS.X SEEDS.DRD.ETC	LB	69	362	81	244	54				
1401800	BEANS.NSPF.EX SEEDS.DRD.ETC	LB	75	196	60	157	54				
1402920	BLACKEYE COW PEAS X SEED.DRY	LB	50	548	138	563	138			426	111
1403100	BEANS. SEED	LB	61	168	90	170	90			13	10
1403300	PEAS. SEED	LB	54	391	117	393	117				
1405100	GARLIC.DRIED.ETC..EXC. FLOUR	LB	51	146	133	179	129	1	3	137	126
1405300	ONIONS.DRIED.ETC..EXC. FLOUR	LB	67	107	84	109	80	5	4	101	77
1405620	POTATO FLAKES. DRY. EX FLOUR	LB	107	64	21	66	21				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	130	2	6	3	6			2	6
1407100	VEGETABLES REDUCED TO FLOUR	LB	90	36	36	25	23	12	12		
1410340	BEANS.CND.NSPF.EXCL. PICKLED	LB	64	120	86	134	86				
1412240	TMTO SC. EX CTSP & CHILI SC	LB	102	62	26	65	26				
1415700	VEGETABLES.EX CUCUMBERS.PKLD	LB	86	63	40	83	40				
1417500	VEGETABLES. PREP. PRES. NSPF	LB	140	2	2			2	2	2	2
1451200	ALMONDS.NOT SHLLD OR ROASTED	LB	24	663	707	678	707			513	503
1452200	PECANS.NOT SHELLD OR ROASTED	LB	113	22	20	22	20				
1452800	WALNUTS.NOT SHLLD OR ROASTED	LB	22	826	845	839	845			704	722
1453520	PISTACHIOS. NT SHLD OR RSTD	LB	92	42	35	43	35				
1454300	ALMONDS.SHELLED.NOT BLANCHED	LB	6	2,113	3,376	2,206	3,376			1,933	3,092
1455100	WALNUTS.SHELLED.NOT BLANCHED	LB	8	1,067	1,993	1,132	1,993			1,014	1,902
1455720	PISTACHIOS. SHELLED	LB	58	184	99	196	99			184	99
1455740	NUTS.NSPF.SHLLD.NOT BLANCHED	LB	76	27	54	27	54				
1456100	ALMONDS. PREPARED. PRESERVED	LB	29	223	418	234	418			214	402
1457520	PISTACHIOS. PREP OR PRESRVD	LB	94	41	34	41	34			41	34
1457547	OTHER NUTS.PREP OR PRESERVED	LB	72	40	66	42	66				
1471500	GRAPEFRUIT. FRESH	LB	105	68	23	73	23				
1501200	APPLES. DRIED	LB	93	47	35	50	35			47	35
1502200	APRICOTS PEACHES PEARS DRIED	LB	112	9	20	10	20			9	20
1506500	GRAPES (RAISINS). DRIED	LB	17	1,629	1,125	1,711	1,123	5	3	1,442	988
1508000	PRUNES. DRIED	LB	10	2,933	1,940	3,060	1,940			2,057	1,316
1509000	MIXTURE. 2 OR MORE DRY FRUIT	LB	125	36	11	40	11			36	11
1512520	CHERRIES. SWEET. NSPF. PREP	LB	77	66	52	74	52				
1513000	BERRIES. PREPARED OR PRES	LB	45	169	170	187	170				
1514020	GRAPEFRUIT. PREPARED OR PRES	LB	96	100	32	100	32				
1516000	PEACHES AND NECTARINES. PREP	LB	104	34	25	35	25			34	25
1517000	PEARS. PREPARED OR PRESERVED	LB	134	9	4	11	4			9	4
1518500	FRUIT NSPF. PREP. PRESERVED	LB	80	54	47	60	47				
1528000	FRUIT PASTE. PULP. FLOUR ETC	LB	49	349	157	382	157			2	7
1533000	JAMS. JELLIES MARMALADES ETC	LB	70	72	70	77	70				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	82	80	45	312	45				
1557000	HONEY	LB	42	324	180	328	180			35	19
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	78	99	51	107	46	5	5		
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	121	36	13	45	13				
1618100	RED PEPPER	LB	141	1	2	1	2				
1621700	SPICE AND SPICE SEEDS. NSPF	LB	79	28	49	27	48	2	2		
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	71	22	67	243	67				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	120	6	13	30	13				
1653100	GRPFRT JUICE. CONCNTRTD. FRZ	SSG	44	140	175	330	175				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	14	788	1,445	2,134	1,445				
1654140	CITRUS JUICES NSPF. CONC. FZ	SSG	11	2,355	1,596	4,983	1,596				

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SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						.000 LBS		.000 LBS			
1673100	STILL WINE NT OV 14% ALCOHOL	WG	89	6	37	70	27	30	9	2	11
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	115	3	19	45	19			0	2
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	124	42	11	44	11			42	11
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	43	305	180	331	180			305	180
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	131	21	5	22	5				
1775640	TALLOW, INEDIBLE	LB	13	12,002	1,449	12,002	1,449				
1777390	OTHER TALLOW, NSPF	LB	108	42	21	43	21				
1787020	BAKING FATS, MIX OF VEG OILS	LB	28	4,470	443	4,470	443				
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	36	415	237	422	220	30	17		
1824420	CATSUP AND CHILI SAUCE	LB	123	51	11	81	11				
1825600	VINEGAR	GAL	132	6	5	74	5				
1829740	MIXED SEASONINGS	LB	88	25	37	21	26	4	10	4	10
1829752	VEGETABLE PROTEIN ISOLATES	LB	47	204	166	35	30				
1829754	VEG PRO CONCENTRATES, ETC	LB	41	235	187	224	171	2	6		
1829780	EDIBLE PREPARATIONS, NSPF	LB	33	158	265	182	251	2	14		
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	139	0	2	88	2				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	39	2	209	3,211	209				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	30	1,068	316	1,141	314	1	2		
1848034	PET FOOD NSPF, RETAIL SALE	LB	119	21	15	13	8	9	7		
1848035	POULTRY FEEDS, PREPARED	STN	99	0	29	80	20				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	27	0	587	572	587				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	65	0	86	557	86				
1860500	BIRDS FEA/DOWN CRUDE/TREATED	LB	117	1	17	1	17				
1911520	BULL SEMEN (BOVINE)		128	0	7			0	7		7
1920600	SEAWEED AND CARRAGEENIN	LB	37	41	221	44	221				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	60	11	92	9	52	6	40		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	10	3,924	5,189	3,924			5	1,828
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	18	3	1,112	1,592	1,112			1	239
3003021	COTTON LINTERS, OTHER	LB	53	260	127	265	127				
4524400	ORANGE OIL	LB	81	1	46	1	46				
	TOTALS FOR ISRAEL				$167,113	3,190,721	$165,804	238	$1,091		$12,326
	ITALY COUNTRY RANK 14										
1000210	CHICKENS, BREEDER STOCK, EGG	NO	114	15	49			2	49		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	27	292	1,549			44	1,549		
1007100	HORSES FOR BREEDING	NO	32	0	1,193			44	1,193		
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	26	0	2,055			184	2,055		
1009640	LIVE ANIMALS, NSPF		48	0	398			41	398		
1054160	CHICKEN PIECES, FRESH, ETC	LB	131	46	25	50	25				
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	104	80	69	80	69				
1055140	TURKEY PIECES, FRESH, ETC	LB	118	41	41	41	41				
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	178	1	3	1	3				
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	134	7	24	7	24				
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	129	3	27	2	8	2	19		
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	14	5,323	4,726	5,064	4,123	524	598		
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	109	21	53	23	53				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	61	539	252	550	252				
1070200	SAUSAGES, ETC, EXC CANNED	LB	181	1	2	1	2				
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	176	1	3			1	3		
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	171	0	5			0	5		
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	175	2	3			3	3		
1155040	NONFAT DRY MILK, NOT DONATED	LB	166	24	6						
1171700	CHEDDAR CHEESE	LB	92	64	97	66	97				
1178600	CHEESES, NSPF	LB	137	10	20	10	20				
1181200	INFNTS DIET SUPP, DRY MILK	LB	153	19	12	25	12				
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	85	99	112			17	16	14	16
1195100	SHELL EGGS FOR HATCHING	DOZ	36	147	879			213	879	25	224
1195300	EGGS IN THE SHELL, NSPF	DOZ	177	1	3			1	3		
1196540	WHL EGGS, OR YLKS, N/SHLL, DRD	LB	101	26	76	26	76				
1201400	CATTLE HIDES, WHOLE	PC	4	392	21,154	16,267	15,784	6	4	3	149
1201720	WHOLE CALF SKINS	PC	10	703	8,077	4,767	6,894				
1201740	WHOLE KIP SKINS	PC	38	35	771	685	663				
1201755	CATTLE HIDE CROUPONS ETC	PC	115	2	47	38	47				
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	49	1,674	345	646	126				
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	12	1,912	6,778	3,737	6,716	5	62	1,201	3,052
1202044	EQUINE HIDES	LB	76	375	136	409	136				
1202047	GOAT AND KID SKINS	PC	183	0	2			1	2		
1202092	PIG AND HOG SKINS	NO	44	179	656	971	271				
1202095	OTHER HIDES AND SKINS, NSPF	NO	23	0	2,593	769	2,305	31	288		23
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	20	315	3,147	2,227	3,147			6	84
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		179	0	2			0	2		
1255200	FRUIT AND NUT PLANTS, ETC		42	0	726	544	690	12	37		726
1258100	LIVE PLANTS, NSPF		63	0	247	154	129	33	118		113
1260120	ALFALFA SEED, UNCERTIFIED	LB	73	101	149	102	149			53	69
1260140	ALFALFA SEED, CERTIFIED	LB	46	795	637	793	629			733	539
1263120	LADINO CLOVER SEED	LB	37	520	874	536	874			520	874
1263200	CLOVER SEED, NSPF	LB	45	2,101	644	2,162	644				
1264100	FLOWER SEED	LB	150	0	13			0	13	0	8
1265700	MILLET	LB	78	1,634	134	13	5				
1266100	ONION SEED	LB	157	1	10	1	10			1	10
1267100	PEPPER SEED	LB	161	1	7	1	2	1	5	1	7
1268100	SPINACH SEED	LB	143	13	18	6	7				
1268700	TREE AND SHRUB SEEDS	LB	130	4	26			0	4		
1271220	SUDAN GRASS SEED	LB	100	234	77	237	77			156	44
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	34	2,198	1,096	2,218	1,078	10	18	310	590
1271510	CANTALOPE SEED	LB	123	4	37	5	31	0	7	4	37
1271515	CUCUMBER SEED	LB	105	14	62	16	62			14	62
1271530	LETTUCE SEED	LB	110	5	51	8	45	0	6	5	47
1271545	SQUASH SEED	LB	77	17	135	23	130	1	5	17	130

-- ITALY CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		-,000 LBS			
1271560	TOMATO SEED	LB	58	10	261	9	57	1	205	8	256
1271570	WATERMELON SEED	LB	43	190	678	200	636	10	42	122	420
1271580	VEGETABLE SEEDS, NSPF	LB	13	1,643	5,.38	1,556	4,784	364	1,121	1,283	5,336
1271590	SEEDS, NSPF	LB	11	20,577	8,015	19,813	6,281	41	1,427	598	1,314
1301700	BUCKWHEAT AND CANARY SEED	LB	138	14	9						
1303420	SWEET CORN SEED, NOT DONATED	LB	67	196	227	199	227				
1303440	CORN SEED, EXC SWT, NT DONATED	LB	3	26,960	27,397	20,283	22,965	28	72	2	3
1303465	YELLOW CORN, NOT DONATED	BU	9	4,552	8,380	254,437	8,347				
1303475	CORN, NSPF, NOT DONATED	BU	66	103	232						
1304020	GRAIN SORGHUM SEED	LB	62	476	247	489	247				
1305000	RICE, PADDY OR ROUGH	LB	39	14,576	760	14,576	760			14,576	760
1305540	RICE, HUSKED, BROWN, MED GRAIN	LB	18	61,413	4,089	61,413	4,089			61,413	4,089
1305580	RICE, HUSKED, BRWN, MIXED GRAIN	LB	136	19	20	19	20			19	2
1306540	WHEAT, UNMILLED, NOT DONATED	BU	2	13,419	44,379	805,137	44,379			579	2,
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	148	1	14	102	14				
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	121	4	38	34	3	10	3		
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	132	1	25	88	25				
1324020	CORNSTARCH, INCLUDING MILO	LB	126	32	29	33	25	1	4		
1324040	STARCHES, NSPF	LB	146	4	16			4	16		
1351800	ASPARAGUS, FRESH OR CHILLED	LB	28	1,087	1,447			1,210	1,447	747	1,019
1352100	BEANS, FRESH OR CHILLED	LB	119	104	40						
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	172	40	5	22	3	19	2	19	2
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	106	189	58						
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	53	1,369	287						
1400520	LIMA BEANS, BABY	LB	155	39	10	39	10			39	10
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	40	3,354	757						
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	71	771	172						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	68	1,548	220	28	6			28	6
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	25	9,067	2,527	606	204			78	18
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	64	964	241	973	241			872	206
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	167	43	6	43	6				
1403100	BEANS, SEED	LB	22	11,123	2,813	3,672	1,667			349	130
1403300	PEAS, SEED	LB	51	958	298	927	288			40	7
1403500	LENTILS, DRIED, ETC	LB	33	6,281	1,123	6,270	1,104				
1405100	GARLIC, DRIED, ETC., EXC FLOUR	LB	160	13	7	14	7			13	7
1405300	ONIONS, DRIED, ETC., EXC FLOUR	LB	75	215	139	227	139			215	139
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	135	79	22	82	22				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	124	23	36	25	36			23	36
1407100	VEGETABLES REDUCED TO FLOUR	LB	125	45	34	47	26	2	8	47	26
1410500	CORN, CANNED, EXCL PICKLED	LB	116	100	46	136	46				
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	142	78	18	99	18				
1412220	TOMATO PULP (PUREE), CANNED	LB	79	82	132	82	132				
1412280	TOMATOES, CANNED, NSPF	LB	164	25	6	29	6				
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	72	190	162	231	162				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	112	33	51	63	51				
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	55	326	273	339	273			326	273
1452200	PECANS, NOT SHELLD OR ROASTED	LB	96	89	90	92	90				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	7	12,068	9,498	12,206	9,498			9,392	7,377
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	117	18	45	18	45			18	45
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	8	5,963	8,722	6,227	8,722			4,188	6,278
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	47	660	473	692	473			615	441
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	88	53	102	55	102			3	7
1456100	ALMONDS, PREPARED, PRESERVED	LB	29	1,008	1,380	1,046	1,380			306	523
1463500	AVOCADOS, FRESH	LB	156	25	10			27	10	8	3
1465500	STRAWBERRIES, FRESH	LB	168	3	6			4	6	3	6
1466500	BERRIES, FRESH, NSPF	LB	98	343	79			363	79	26	6
1468520	CHERRIES, SWEET, FRESH	LB	169	5	6			5	6	3	4
1471500	GRAPEFRUIT, FRESH	LB	31	6,060	1,274	6,283	1,274				
1473500	CITRUS FRUITS, FRESH, NSPF	LB	138	77	20			83	20	77	20
1493050	KIWIFRUIT, FRESH	LB	107	65	57	68	57			65	57
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	151	8	13			8	13	8	13
1499000	FRUITS, FROZEN, NSPF	LB	127	41	29	44	29			41	29
1501200	APPLES, DRIED	LB	139	7	20	7	20				
1504500	DATES, DRIED	LB	59	373	260	399	260			373	260
1506500	GRAPES (RAISINS), DRIED	LB	93	81	97	83	97			81	97
1508000	PRUNES, DRIED	LB	6	17,299	12,305	18,719	12,305			16,686	11,929
1508500	FRUITS, DRIED, NSPF	LB	81	35	127	41	127				
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	128	45	28	48	28			45	28
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	173	8	5			9	5		
1518500	FRUIT NSPF, PREP, PRESERVED	LB	91	192	98	198	98			78	26
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	108	176	54	224	54				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	97	162	83	176	83			162	83
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	159	12	9			13	9		
1621700	SPICE AND SPICE SEEDS, NSPF	LB	184	1	2			1	2		
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	70	63	198	685	198				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	99	30	78	210	72	10	6		
1663040	VEGETABLE JUICES, NSPF	GAL	174	1	4	16	4				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	162	3	7	2	7				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	65	16	238	172	232	18	6	11	218
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	50	101	300	1,411	300				
1675140	ALCOHOLIC BLV FERMENTED NSPF	GAL	120	14	39	145	39			14	39
1751500	COTTONSEED	LB	145	36	17	36	17				
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	103	232	70	42	32			38	32
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	122	63	38	63	36	33	2	53	34
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	133	17	24	20	24				
1769180	JOJOBA OIL, UNMIXED	LB	149	1	13	2	10	0	3	1	13
1769190	VEGETAB OILS, NSPF, UNMIXED	LB	83	214	126	83	51				
1775640	TALLOW, INEDIBLE	LB	35	5,520	1,001	5,521	1,001				
1777390	OTHER TALLOW, NSPF	LB	154	49	11	13	3				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	111	86	51	74	40	1	2		
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	80	153	131	165	131				
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	60	427	259						
1825140	SOUPS, N S P F	LB	170	14	5	19	5				
1829420	POTATO CHIPS AND STICKS	LB	165	5	6	6	6				

-- ITALY CONTINUED ON NEXT PAGE --

TAPLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1829740	MIXED SEASONINGS	LB	163	5	7	5	7			8	4
1829752	VEGETABLE PROTEIN ISOLATES	LB	86	132	108	44	34				
1829770	EDIBLE PREP. NSPF. FROZEN	LB	140	13	19	13	19				
1829780	EDIBLE PREPARATIONS. NSPF	LB	113	22	50	16	37	8	13	6	13
1841060	BRAN,ETC FRM MLLNG GRN.NSPF	STN	147	0	14						
1842000	BEET PULP. DRIED	STN	19	26	3,318	52,866	3,318				
1842500	BREWERS' GRAINS. MALT SPROUT	STN	17	43	4,464	85,405	4,464				
1843600	HAY AND STRAW	STN	182	0	2						
1844800	GRAIN HULLS. SCREENINGS. ETC	STN	30	16	1,340	33,596	1,340				
1848010	ALFALFA MEAL. SUN CURED	STN	144	0	17	84	17				
1848032	DOG & CAT FOOD. RETAIL SALE	LB	54	714	274	598	222				
1848034	PET FOOD NSPF. RETAIL SALE	LB	90	94	100	74	80				
1848035	POULTRY FEEDS. PREPARED	STN	95	0	92	260	92				
1848045	LIVESTOCK FEED. PREP. NSPF	STN	16	34	4,507	64,351	4,204				
1848070	CITRUS PULP PELLETS	STN	21	30	2,892	60,186	2,892				
1848080	OTHER ANIMIAL FEEDS. NSPF	STN	24	11	2,586	4,386	664				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	89	21	100	21	96	1	4		
1865700	HAIR AND BRISTLES. NSPF	LB	74	108	142	77	111	33	31		
1911520	BULL SEMEN (BOVINE)		15	0	4,561			26	4,561		3,308
1912520	PANCREAS GLANDS		94	0	95	83	95				
1912540	HOOVES. ANTLERS. NAILS. CLAWS		87	0	107	89	107				
1912570	ANIMAL PRODUCTS. NSPF		41	0	756	784	754	0	2		124
1920600	SEAWEED AND CARRAGEENIN	LB	180	2	2			2	2		
1921120	CUT FLOWERS. FRSH SPRAYS ETC		69	0	202			59	202		202
1921140	FOLIAGE, ORNAMENTAL PURPOSES		57	0	264	34	30	68	233		32
1922540	HOPS. OTHER	LB	52	35	288			36	288		
1932500	VEG SUBSTANCES. CRUDE. NSPF	LB	56	256	271	260	260	4	4		
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	152	0	12	40	10	0	2		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	1	213	64,806	108,206	64,806			89	28,531
3001550	COTTON OTH. 1-1/8 IN OR MORE	RBA	5	51	15,368	26,120	15,368			45	13,329
3003021	COTTON LINTERS. OTHER	LB	141	38	18	39	18			38	18
4524400	ORANGE OIL	LB	102	11	72	12	72				
7482500	FLOWERS. CUT NATURAL, DRIED		84	0	114	129	107	2	7		5
7482900	OTHER DRIED PLANTS. N S P F		82	0	127	78	74				35
	TOTALS FOR ITALY				$316,614	1,728,815	$279,010	3,682	$17,202		$96,681

JAPAN COUNTRY RANK 1

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS. BREEDER STOCK, EGG	NO	94	178	2,285			22	2,285		
1000230	CHICKENS. BREEDER STOCK, MEAT	NO	82	1,020	3,143	594	113	64	3,030		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	294	40	65			6	65		
1001000	CHICKENS. DUCKS. ETC. NSPF	NO	230	141	284			353	284		
1004120	CATTLE, BEEF, BREEDING, MALE	NO	216	1	352			380	352	0	34
1004140	CATTLE, BEEF, BREEDING, FEMALE	NO	266	0	123			79	123		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	73	1	3,762			534	3,762		
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	138	0	1,008			502	1,008	0	555
1004190	CATTLE, LIVE, NOT FOR BREEDING	NO	48	7	7,059	1,596	1,264	6,357	5,795	1	1,145
1007100	HORSES FOR BREEDING	NO	37	0	9,000			327	9,000	0	6,000
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	67	1	4,514			161	4,514	0	4,029
1008300	SWINE. LIVE	NO	122	1	1,448			150	1,448	0	674
1009640	LIVE ANIMALS. NSPF		63	0	4,815			274	4,815		1,145
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	25	24,754	15,739	25,617	15,737	1	2	17,275	10,868
1054140	CHICKENS, EX YOUNG. WHOLE	LB	202	730	398	777	398			721	393
1054160	CHICKEN PIECES, FRESH. ETC	LB	11	146,445	74,839	147,952	74,806	50	34	110,388	58,959
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	126	1,599	1,313	1,615	1,310	1	4	1,211	991
1055140	TURKEY PIECES, FRESH. ETC	LB	196	519	413	540	407	3	6	407	339
1056100	BIRD MEAT, NSPF, FRESH. ETC	LB	144	617	912	630	893	12	19	487	818
1057100	POULTRY LIVERS, FRESH. ETC	LB	153	1,258	762	1,288	762			960	624
1058100	BIRD MEAT. CANNED	LB	342	3	6	5	6			3	6
1058300	BIRD MEAT, PREP, EX CANNED	LB	152	684	763	743	755	4	8	247	254
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	27	9,080	15,294	5,716	8,527	3,160	6,249	5,314	9,576
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	2	266,674	528,088	274,005	521,004	3,192	6,801	203,905	409,8[illegible]7
1061080	VEAL, CRCSS, FRESH, CHILLED, ETC	LB	198	239	411	244	404	9	7	147	375
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	225	120	295	122	290	1	5	55	208
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	80	4,223	3,322	3,177	2,413	717	703	2,471	1,590
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	183	507	491	512	472	34	19	475	472
1068200	BEEF TONGUES. FRESH. ETC	LB	16	24,914	39,005	25,712	38,754	170	251	16,951	26,580
1068400	BEEF LIVER. FRESH. ETC	LB	53	14,073	6,182	14,214	5,424	661	758	8,730	3,884
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	8	79,973	94,802	79,042	88,665	3,318	6,108	67,242	81,260
1068800	VEAL OFFAL, FRESH, CHILLED, ETC	LB	191	502	438	524	418	7	21	477	406
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	273	55	105	56	99	1	6		
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	119	801	1,466	578	911	245	555	705	1,276
1070100	SAUSAGES, ETC, CANNED	LB	221	238	314	294	309	10	5	127	153
1070200	SAUSAGES, ETC. EXC CANNED	LB	85	1,838	2,868	1,922	2,713	67	155	1,623	2,440
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	57	2,505	5,912	2,362	4,906	218	1,006	1,229	3,200
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	244	35	211	33	198	2	14	30	143
1074200	BEEF AND VEAL. CANNED	LB	277	113	97	158	82	23	16	45	41
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	43	2,374	7,580	2,147	5,307	559	2,273	1,990	6,662
1076200	MEAT, NSPF EX CRCSS. FRESH	LB	195	329	417	52	80	295	336	103	167
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	201	203	398	237	395	0	3	203	395
1076600	MT & EDBL OFFL, PREP EX CANND	LB	199	274	411	119	138	213	273	189	275
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	96	3,669	2,234	5,277	2,159	29	74	1,007	849
1154000	MLK & CRM, CNDNS/EVAP, NT CNND	LB	344	27	5			30	5	27	5
1155700	DRIED MILK AND CREAM. NSPF	LB	317	46	31	10	17	42	14	39	18
1160100	BUTTER	LB	314	38	33	36	31	1	2	35	31
1163000	MARGARINE, INCLDNG OLEO	LB	217	777	343	852	343			564	202
1171700	CHEDDAR CHEESE	LB	222	188	308	196	308			188	308
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	66	1,644	4,712	1,718	4,681	17	31	179	311
1178600	CHEESES. NSPF	LB	240	216	230	228	226	2	4	69	108
1180500	WHEY. DRIED	LB	47	19,979	7,299	19,804	7,028			14,459	4,894

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1181700	DIET SUPP,NSPF,MLK BS,ETC	LB	101	1,040	1,996	1,280	1,925	17	71	1,016	1,900
1182500	ICE CREAM	GAL	315	13	33	35	24	10	9	9	24
1186000	MILK PRODUCTS, NSPF		189	0	447	217	447				447
1195100	SHELL EGGS FOR HATCHING	DOZ	262	56	131			87	131		
1195300	EGGS IN THE SHELL, NSPF	DOZ	243	201	214	190	53	37	161	101	53
1196520	EGG ALBUMEN(WHITES),DRIED	LB	35	4,822	10,155	4,958	10,085	41	70	1,818	4,387
1196540	WHL EGGS,OR YLKS,N/SHLL,DRD	LB	97	1,128	2,164	1,182	2.162	1	2	425	834
1197020	EGG ALBUMEN(WHITES),EX DRIED	LB	36	15,049	9,180	15,860	9,180			2,763	1,320
1197040	WHL EGG OR YLK,N/SHLL,EX DRD	LB	58	8,253	5,597	8,610	5,597			6,727	4,389
1201400	CATTLE HIDES, WHOLE	PC	5	5,929	332,600	359,552	325,655	38	20	4,027	230,460
1201720	WHOLE CALF SKINS	PC	28	1.041	14,511	6,863	13.466	0	8	534	6,925
1201740	WHOLE KIP SKINS	PC	30	651	11,510	6,292	9,621			390	6,896
1201755	CATTLE HIDE CROUPONS ETC	PC	115	42	1,503	1,244	1,495	2	9	38	1,330
1201765	BOVINE HIDES,EXC WHOLE,NSPF	LB	136	2,909	1,099	2,395	957	160	23	2,201	957
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	114	542	1,531	904	1,500	2	32	535	1,463
1202044	EQUINE HIDES	LB	76	8,590	3,464	9,266	3,455			6,371	2,532
1202047	GOAT AND KID SKINS	PC	348	1	3	1	3			1	3
1202092	PIG AND HOG SKINS	NO	213	132	355	525	304			108	286
1202095	OTHER HIDES AND SKINS,NSPF	NO	113	0	1,689	870	1,493	14	123		1,247
1230000	SHEEP,ETC,SKNS,WHL,FOR FURS	NO	127	110	1,289	764	1,289			19	170
1253100	BULBS, ROOTS, ROOTSTOCKS,ETC		238	0	249	19	44	47	206		175
1255200	FRUIT AND NUT PLANTS, ETC		159	0	702	3,297	700	0	2		702
1256500	ROSE PLANTS		336	0	9			5	9		4
1258100	LIVE PLANTS, NSPF		178	0	530	43	25	65	505		305
1260120	ALFALFA SEED, UNCERTIFIED	LB	267	107	122	108	122			103	116
1260140	ALFALFA SEED, CERTIFIED	LB	229	203	285	205	285			142	166
1260300	SUGAR BEET SEED	LB	246	8	202	224	202				
1261700	SEED, CARROT	LB	192	149	430	152	418	6	12	16	119
1263120	LADINO CLOVER SEED	LB	170	347	576	352	576			345	573
1263140	WHITE CLOVER SEED	LB	327	11	16	11	16				
1263200	CLOVER SEED, NSPF	LB	223	226	306	227	304	2	2	2	6
1264100	FLOWER SEED	LB	224	54	306	52	153	3	132	50	254
1265700	MILLET	LB	181	8,000	506	8,000	506			929	66
1266100	ONION SEED	LB	197	67	411	62	361	8	50	63	390
1267300	RADISH SEED	LB	60	3,877	5,392	4,100	5,392			195	280
1268100	SPINACH SEED	LB	89	2,328	2,516	2,409	2,516				
1268700	TREE AND SHRUB SEEDS	LB	305	5	43			2	20		
1271220	SUDAN GRASS SEED	LB	228	1,104	286	1,142	286			1,104	286
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	75	4,692	3,581	4,542	3,231	157	301	1,853	1,483
1271510	CANTALOPE SEED	LB	334	5	10			5	10	5	10
1271515	CUCUMBER SEED	LB	319	3	26	4	26			3	26
1271530	LETTUCE SEED	LB	260	23	136	27	127	1	9	18	115
1271545	SQUASH SEED	LB	353	0	2	0	2			0	2
1271560	TOMATO SEED	LB	328	4	16	4	6	0	10	4	16
1271570	WATERMELON SEED	LB	275	41	101	46	101			26	67
1271580	VEGETABLE SEEDS, NSPF	LB	71	1,772	4,157	1,832	3,432	29	725	383	1,570
1271590	SEEDS, NSPF	LB	91	1,553	2,379	1,541	1,882	38	485	956	1,464
1301700	BUCKWHEAT AND CANARY SEED	LB	46	56,351	7,325	56,419	7,325			198	24
1303420	SWEET CORN SEED, NOT DONATED	LB	56	2,666	5,974	2,468	5,023	258	951	743	1,517
1303440	CORN SEED,EXC SWT,NT DONATED	LB	64	4,102	4,804	4,134	4,794	12	9	3,553	4,336
1303465	YELLOW CORN, NOT DONATED	BU	1	505,430	1,020,935	28,305,582	1,020,935				
1303475	CORN, NSPF, NOT DONATED	BU	137	352	1,077	19,691	1,077			18	40
1304020	GRAIN SORGHUM SEED	LB	142	2,021	947	2,001	909	14	38	1,977	909
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	6	92,611	180,844	5,186,397	180,844				
1304500	OATS	BU	247	99	201	3,154	201			1	2
1305000	RICE, PADDY OR ROUGH	LB	331	148	14	149	14				
1306000	RYE	BU	300	18	52	1,028	52			14	36
1306540	WHEAT,UNMILLED,NOT DONATED	BU	4	110,191	352,280	6,596,385	352,280				
1313015	LG GR PRBL HD RICE,NT RELIEF	LB	330	56	14	56	14			56	14
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	291	294	74	298	74			294	74
1313030	HD RICE,LG GRN,X PRBL,NT DON	LB	251	1,242	175	1,254	175			1,242	175
1313040	HD RICE,MD GRN,X PRBL,NT DON	LB	287	307	79	313	79			307	79
1313060	HD RICE,MX GRN,X PRBL,NT DON	LB	289	947	77	974	77			947	77
1314020	DRM FLR & SEMOLINA,NT DNATED	CWT	206	30	383	2,973	383			30	383
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	320	2	24	167	24			1	14
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	307	3	43	270	43			2	29
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	343	1	5			20	5		
1321700	MALTS	LB	78	28,900	3,366	28,970	3,366			3,587	844
1322700	MALT EXTRACT	LB	351	1	3	1	3			1	3
1324020	CORNSTARCH, INCLUDING MILO	LB	92	4,166	2,360	4,242	2,360			3,234	1,475
1324040	STARCHES, NSPF	LB	155	2,357	753	2,623	742	30	11	1,489	426
1351800	ASPARAGUS, FRESH OR CHILLED	LB	39	6,295	8,929	598	605	6,460	8,324	6,020	8,584
1352100	BEANS, FRESH OR CHILLED	LB	258	616	142	589	122	40	20	38	20
1352300	BROCCOLI, FRESH OR CHILLED	LB	278	40	97	41	18	3	79	36	18
1352700	CABBAGE, FRESH OR CHILLED	LB	333	54	11	55	11			54	11
1352900	CARROTS, FRESH OR CHILLED	LB	341	40	7	42	7				
1353300	CELERY, FRESH OR CHILLED	LB	335	19	9	20	9			19	9
1353700	SWEET CORN, FRESH OR CHILLED	LB	165	2,107	655	2,159	655			124	27
1353900	CUCUMBERS, FRESH OR CHILLED	LB	298	219	53	242	53			115	20
1354300	LETTUCE, FRESH OR CHILLED	LB	329	69	14			74	14	69	14
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	86	26,334	2,778	26,754	2,757	18	20	730	115
1355300	TOMATOES, FRESH OR CHILLED	LB	347	13	4	14	4			13	4
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	90	7,599	2,419	7,901	2,346	94	73	7,462	2,306
1381000	CARROTS, FROZEN	LB	147	3,199	829	3,359	820	22	9	1,189	380
1382000	CORN, SWEET, FROZEN	LB	23	62,323	21,235	64,823	21,231	15	4	265	111
1383000	PEAS, FROZEN	LB	68	16,421	4,409	17,489	4,409			1,592	597
1387000	VEGETABLES, NSPF, FROZEN	LB	34	28,969	10,433	31,346	10,409	24	24	2,121	972
1400100	BLK BEANS,X SEEDS,DRIED,ETC	LB	326	98	17	101	17			20	4
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	100	11,806	2,049	11,926	2,049			626	116
1400520	LIMA BEANS,BABY	LB	51	30,648	6,609	30,841	6,609			30,404	6,557
1400540	LIMA BEANS,OTHER THAN BABY	LB	226	1,518	290	1,532	290			1,518	290
1400700	NAVY/PEA BNS,X SEEDS,DRD,ETC	LB	308	229	39	38	4				
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	339	40	7	40	7				
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	274	1,227	102	1,236	102			85	18

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	292	343	70	347	70			31	31
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	167	5,300	639	5,350	636			809	186
1403100	BEANS, SEED	LB	171	859	570	860	561	11	8	180	100
1403300	PEAS, SEED	LB	256	274	151	276	151			3	3
1403500	LENTILS, DRIED, ETC	LB	332	39	12	40	12				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	323	12	19			13	19	12	19
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	234	226	271	236	271			226	271
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	55	9,997	6,034	10,703	6,034			5,257	5,244
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	38	29,925	8,984	30,828	8,984			1,758	586
1405640	POTATO GRANULES DRY EX FLOUR	LB	141	2,154	975	2,182	975			120	61
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	219	711	335	743	332	6	2	82	32
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	156	383	750	409	750			341	695
1407100	VEGETABLES REDUCED TO FLOUR	LB	87	1,686	2,710	1,783	2,671	24	39	270	365
1410100	ASPARAGUS, CND, EXCL. PICKLED	LB	297	54	55	3	2	55	52	54	55
1410320	DRY BEANS, CND, EXCL. PICKLED	LB	264	361	126	424	126			361	126
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	279	211	94	246	94			196	89
1410500	CORN, CANNED, EXCL. PICKLED	LB	19	83,972	28,582	99,203	28,574			28,322	8,995
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	350	6	3	7	3			6	3
1412220	TOMATO PULP (PUREE), CANNED	LB	200	1,098	407	1,205	407			1,098	407
1412240	TMTO SC, EX CTSP & CHILI SC	LB	176	1,410	533	1,661	533			1,394	523
1412260	TOMATO PASTE, CANNED	LB	218	720	336	843	336			693	315
1412280	TOMATOES, CANNED, NSPF	LB	233	821	273	962	273			821	273
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	207	911	380	1,124	380			660	279
1414200	VEGETABLE BABY FOOD, CANNED	LB	271	264	107	393	107			264	107
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	149	3,924	817	5,810	817			3,342	724
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	293	227	67	273	67			79	31
1417500	VEGETABLES, PREP, PRES, NSPF	LB	283	140	85	150	85			91	72
1441000	MUSHROOMS, FRESH	LB	175	160	551	7	11	171	540	38	76
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	268	50	121	56	121				
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	146	758	865	769	862	3	3	740	834
1452200	PECANS, NOT SHELLD OR ROASTED	LB	249	166	181	169	180	1	2	123	167
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	61	5,543	5,034	5,649	5,034			5,380	4,896
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	168	290	634	309	633	0	2	278	609
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	81	2,421	3,179	2,488	3,179			2,392	3,157
1454300	ALMONDS SHELLED, NOT BLANCHED	LB	15	20,520	39,150	21,490	39,150			20,490	39,060
1454900	PECANS, SHELLED, NOT BLANCHED	LB	272	49	105	47	89	7	16	42	89
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	74	2,625	3,628	2,705	3,623	5	5	2,618	3,613
1455720	PISTACHIOS, SHELLED	LB	241	116	224	126	224			116	224
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	160	205	699	218	697	2	2	72	223
1456100	ALMONDS, PREPARED, PRESERVED	LB	18	12,495	29,391	13,365	29,288	50	104	12,442	29,261
1457520	PISTACHIOS, PREP OR PRESRVD	LB	261	59	134	62	134			59	134
1457542	MACADAMIA, PREP OR PRESERVED	LB	105	288	1,827	395	1,522	78	305	105	679
1457545	CASHEWS, PREP OR PRESERVED	LB	295	18	59	21	52	1	7	16	48
1457547	OTHER NUTS, PREP OR PRESERVED	LB	154	341	753	433	733	8	20	261	541
1459000	MIXTURES OF EDIBLE NUTS	LB	132	453	1,162	629	1,140	16	23	327	880
1461000	APPLES, FRESH	LB	253	671	166	665	162			50	29
1463500	AVOCADOS, FRESH	LB	49	11,361	6,773	12,252	6,751	28	21	11,024	6,495
1465500	STRAWBERRIES, FRESH	LB	32	5,701	11,229	363	206	5,696	11,023	5,658	11,202
1466500	BERRIES, FRESH, NSPF	LB	285	112	83	114	80	2	3	73	60
1468520	CHERRIES, SWEET, FRESH	LB	17	24,597	31,139	11,848	12,153	13,803	18,478	9,383	13,525
1471500	GRAPEFRUIT, FRESH	LB	7	445,393	95,476	465,514	95,295	358	181	121,131	29,645
1471900	LEMONS, FRESH	LB	9	278,328	82,018	293,177	82,018			277,375	81,710
1472200	LIMES, FRESH	LB	259	628	138	682	138			628	138
1473120	TANGERINES, FRESH	LB	265	291	125	235	77	64	48	291	125
1473130	TEMPLE ORANGES, FRESH	LB	139	4,765	997	5,166	989	30	7	4,765	997
1473140	ORANGES, FRESH, NSPF	LB	10	265,649	78,413	279,430	78,206	292	207	256,090	76,276
1473500	CITRUS FRUITS, FRESH, NSPF	LB	203	1,455	397	1,158	296	340	97	546	172
1476500	GRAPES, FRESH	LB	50	10,954	6,691	12,011	6,569	137	121	10,555	6,510
1481700	CANTALOUPES, FRESH	LB	270	565	111	567	94	43	17	565	111
1482000	WATERMELON, FRESH	LB	318	127	30	104	15	23	15	127	30
1482700	MELONS, FRESH, NSPF	LB	44	30,813	7,559	32,514	7,326	420	233	30,407	7,421
1487500	PEACHES & NECTARINES, FRESH	LB	116	2,679	1,500	3,258	1,500			2,679	1,500
1488500	PEARS, FRESH	LB	310	125	36	84	26	47	10	61	17
1491700	PRUNES AND PLUMS, FRESH	LB	299	98	53	89	48	15	5	17	7
1493050	KIWIFRUIT, FRESH	LB	62	4,422	4,957	5,082	4,957			4,422	4,957
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	84	4,516	2,993	2,777	1,454	2,144	1,538	4,440	2,923
1497000	STRAWBERRIES, FROZEN	LB	69	7,525	4,319	7,976	4,234	37	85	5,126	2,662
1497500	BERRIES, FROZEN, NSPF	LB	134	6,748	1,109	6,625	1,047			62	58
1498520	CHERRIES, SWEET, FROZEN	LB	232	391	276	425	271	8	4	45	28
1499000	FRUITS, FROZEN, NSPF	LB	99	6,806	2,058	7,896	2,049	16	9	2,436	960
1501200	APPLES, DRIED	LB	354	4	2	4	2			4	2
1502200	APRICOTS PEACHES PEARS DRIED	LB	145	307	874	324	874			307	874
1504500	DATES, DRIED	LB	325	17	18	19	18			17	18
1505200	FIGS, DRIED	LB	321	46	23	6	11	41	13	46	23
1506500	GRAPES (RAISINS), DRIED	LB	21	40,945	24,892	43,209	24,892			40,929	24,879
1508000	PRUNES, DRIED	LB	29	19,590	12,599	20,636	12,599			19,553	12,571
1508500	FRUITS, DRIED, NSPF	LB	263	168	128	213	120	6	8	101	67
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	296	52	58	49	55	7	2	52	58
1510500	FRUIT IN BRINE, NSPF	LB	286	170	81	187	81			62	26
1511000	APRICOTS, PREP OR PRESERVED	LB	281	154	93	179	91	2	2	152	91
1512000	MARASCHINO CHERRIES, PREP	LB	248	219	183	231	175	10	8	219	183
1512520	CHERRIES, SWEET, NSPF, PREP	LB	161	873	692	1,081	687	7	5	52	31
1513000	BERRIES, PREPARED OR PRES	LB	172	850	567	962	563	5	4	124	60
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	164	872	671	956	669	2	2	623	517
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	215	498	354	570	354			496	354
1515000	OLIVES, CANNED	LB	166	855	653	958	653			852	651
1515500	OLIVES, PREP OR PRES, NSPF	LB	301	40	46	82	46				
1516000	PEACHES AND NECTARINES, PREP	LB	45	19,345	7,506	22,574	7,506			19,116	7,421
1517000	PEARS, PREPARED OR PRESERVED	LB	236	581	265	667	265			357	147
1518500	FRUIT NSPF, PREP, PRESERVED	LB	179	766	511	877	508	6	3	688	471
1519500	FRUIT MIXTURES, NSPF, PREP	LB	72	8,650	3,945	10,348	3,929	68	16	7,931	3,744
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	182	1,563	501	1,746	501			1,484	455
1525500	FRUIT BABY FOOD, CANNED	LB	188	1,266	450	2,033	450			1,209	424
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	133	1,823	1,110	1,999	1,108	1	2	965	712

-- JAPAN CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1533000	JAMS, JELLIES MARMALADES ETC	LB	109	2,133	1,730	2,473	1,656	80	74	1,874	1,471
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	205	163	390	182	374	13	16	85	55
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	338	9	7	9	7			7	3
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	352	1	2	12	2			1	2
1557000	HONEY	LB	184	747	484	783	470	11	14	703	460
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	288	93	79	100	59	17	19	93	79
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	302	16	45	17	45			16	45
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	245	395	206	516	205	4	2	281	148
1616100	MUSTARD SEEDS	LB	340	12	7	13	7			12	7
1621700	SPICE AND SPICE SEEDS, NSPF	LB	131	788	1,222	822	1,130	65	93	591	975
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	124	609	1,418	6,110	1,414	31	4	114	247
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	180	289	506	2,335	502	9	4	36	73
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	254	79	158	605	158			66	131
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	284	47	83	320	83			12	27
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	103	816	1,844	6,421	1,835	22	9	437	919
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	26	8,469	15,590	16,026	15,590			770	1,340
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	255	105	156	245	156			53	94
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	220	170	316	464	316			5	13
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	125	841	1,321	1,606	1,321			367	526
1654120	LEMON JUICE, CONC, FRZN	SSG	110	1,271	1,727	2,366	1,725	5	3	1,229	1,666
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	187	255	456	523	456			133	124
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	83	1,506	3,136	3,334	3,100				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	128	857	1,280	1,742	1,272	11	8	157	249
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	208	194	377	442	372	3	5	54	94
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	193	241	426	477	411	13	14	215	372
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	237	169	256	383	253	3	3	169	256
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	42	3,458	8,607	7,948	8,607			9	11
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	120	1,131	1,462	2,133	1,457	6	5	677	783
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	173	169	564	1,619	564			105	365
1663040	VEGETABLE JUICES, NSPF	GAL	242	91	220	511	199	147	21	86	207
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	104	725	1,844	7,417	1,838	38	6	315	960
1673100	STILL WINE NT OV 14% ALCOHOL	WG	33	1,637	10,844	21,270	10,764	145	79	1,560	10,337
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	118	242	1,470	2,406	1,277	344	193	186	1,032
1675120	CIDER	GAL	313	9	34	91	34			9	34
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	112	374	1,694	5,053	1,694			294	1,436
1683000	BRANDY	PFG	311	3	36	48	36			3	36
1751500	COTTONSEED	LB	108	16,075	1,736	16,097	1,736			16,075	1,736
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	312	110	35	76	29			3	2
1756020	SAFFLOWER SEED	LB	54	47,898	6,141	47,904	6,141			46,087	5,980
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	88	25,589	2,551	24,600	2,449	4	2	340	243
1761820	COTTONSEED OIL, CRUDE	LB	162	3,156	682	3,168	682			3,156	682
1761840	COTTONSEED OIL, ONCE-REFINED	LB	52	24,465	6,275	24,481	6,275			24,465	6,275
1761880	COTTONSEED SALAD OIL NT/RELF	LB	117	7,077	1,475	7,103	1,475			4,831	1,000
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	235	149	268	188	268			94	124
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	65	11,771	4,798	10,344	3,713			10,053	3,713
1769180	JOJOBA OIL, UNMIXED	LB	204	49	393	102	391	1	2	49	393
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	106	1,280	1,811	1,368	1,708	70	103	991	1,616
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	280	661	93	661	93				
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	290	475	74	478	74				
1775640	TALLOW, INEDIBLE	LB	31	70,220	11,324	70,231	11,324			18,761	3,004
1775900	WOOL GREASE	LB	306	33	43	37	43			28	35
1777390	OTHER TALLOW, NSPF	LB	252	347	171	301	153	59	19	297	146
1781140	VEG SALAD OIL, NOT RELIEF	LB	309	105	38	113	38			105	38
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	190	626	442	616	419	49	22	574	371
1786000	SALAD & COOKING OIL, MIXTURE	LB	276	214	99	229	99			51	36
1787020	BAKING FATS, MIX OF VEG OILS	LB	174	791	564	883	564			570	368
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	151	682	787	718	770	12	17	34	21
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	250	151	181	161	181			55	93
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	269	115	112	111	91	28	20	107	103
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	345	13	5	16	5			13	5
1824420	CATSUP AND CHILI SAUCE	LB	111	4,329	1,704	5,834	1,696	16	8	4,216	1,687
1825120	SOUPS, DRIED OR DEHYDRATED	LB	185	313	471	324	458	8	13	46	37
1825140	SOUPS, N S P F	LB	79	7,231	3,325	8,889	3,321	3	3	6,640	2,926
1825600	VINEGAR	GAL	257	103	151	919	151			85	134
1829420	POTATO CHIPS AND STICKS	LB	214	251	354	330	354			88	176
1829740	MIXED SEASONINGS	LB	157	476	712	492	620	21	91	370	395
1829742	VEG FLOURS & GRITS, DEFATTED	LB	211	1,156	362	1,251	362			156	30
1829752	VEGETABLE PROTEIN ISOLATES	LB	40	5,738	8,801	5,979	8,775	15	26	4,570	7,128
1829754	VEG PRO CONCENTRATES, ETC	LB	130	1,267	1,233	1,200	1,177	108	56	681	518
1829760	EDIBLE PREP, NSPF, CANNED	LB	140	908	996	1,029	993	3	3	756	769
1829770	EDIBLE PREP, NSPF, FROZEN	LB	194	491	417	481	380	14	37	179	238
1829780	EDIBLE PREPARATIONS, NSPF	LB	41	5,248	8,769	6,257	8,566	158	204	4,113	7,105
1841020	WHEAT BY-PRODCTS, ANIMAL FEED	STN	209	7	376	13,861	376			0	9
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	177	6	533	12,006	533			6	533
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	346	0	5	215	5			0	5
1842000	BEET PULP, DRIED	STN	13	398	44,431	796,999	44,431			36	3,701
1842500	BREWERS' GRAINS, MALT SPROUT	STN	349	0	3	73	3			0	3
1843600	HAY AND STRAW	STN	14	354	44,031	719,661	44,031			211	26,023
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	316	1	31	1,333	31			1	29
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	121	7	1,461	14,559	1,461			1	240
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	322	46	22	46	22			46	22
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	324	111	19	119	19			22	9
1848005	ALFALFA HAY CUBES	STN	12	562	67,611	1,135,282	67,611			390	48,821
1848010	ALFALFA MEAL, SUN CURED	STN	227	5	287	10,430	287				
1848015	ALFALFA MEAL, DEHYDRATED	STN	210	3	363	6,467	363			0	14
1848025	FEATHER MEAL	STN	158	4	710	7,632	710			1	181
1848032	DOG & CAT FOOD, RETAIL SALE	LB	22	40,633	22,884	44,143	22,629	182	255	31,058	18,871
1848034	PET FOOD NSPF, RETAIL SALE	LB	135	2,664	1,106	2,734	1,079	43	27	1,508	709
1848035	POULTRY FEEDS, PREPARED	STN	148	2	820	4,346	820			1	370
1848040	DAIRY CATTLE FEED, PREPARED	STN	70	29	4,240	57,957	4,240			23	3,218
1848045	LIVESTOCK FEED, PREP, NSPF	STN	107	3	1,808	6,730	1,778	2	30	2	926
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	59	30	5,455	60,221	5,453	3	2	10	1,735
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	93	161	2,315	154	2,060	12	255	123	1,664
1865700	HAIR AND BRISTLES, NSPF	LB	212	224	357	201	312	37	45	103	182

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1911520	BULL SEMEN (BOVINE)		143	0	935	4	86	7	849		395
1912520	PANCREAS GLANDS		304	0	44	40	38	1	6		
1912540	HOOVES, ANTLERS, NAILS, CLAWS		303	0	45	33	39	1	6		6
1912570	ANIMAL PRODUCTS, NSPF		102	0	1,914	228	587	84	1,328		1,484
1920600	SEAWEED AND CARRAGEENIN	LB	98	673	2,090	682	1,956	56	131	85	227
1921120	CUT FLOWERS, FRSH SPRAYS ETC		150	0	807	32	28	226	778		242
1921140	FOLIAGE, ORNAMENTAL PURPOSES		95	0	2,249	592	894	665	1,355		263
1922520	HOP PELLETS	LB	163	314	682	339	682				
1922540	HOPS, OTHER	LB	231	208	281	228	281				
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	337	1	7			1	7		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	186	459	466	550	410	16	57	284	146
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	20	110	27,957	55,434	27,956	0	2	82	21,560
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	3	1,161	365,635	596,423	365,635			964	306,689
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	24	53	18,048	27,239	18,048			51	17,390
3003011	COTTON FELTING LINTER 1 TO 7	LB	282	733	88	700	82	36	6	698	82
3003021	COTTON LINTERS, OTHER	LB	77	16,973	3,388	17,487	3,388			16,973	3,388
4523400	LEMON OIL	LB	123	227	1,438	252	1,407	4	31	188	1,231
4524400	ORANGE OIL	LB	129	798	1,244	863	1,183	10	61	205	306
7482500	FLOWERS, CUT NATURAL, DRIED		169	0	577	202	461	29	116		227
7482900	OTHER DRIED PLANTS, N S P F		239	0	235	277	204	19	31		208
	TOTALS FOR JAPAN				$4,212,359	46,902,274	$4,084,132	57,271	$114,857		$1,885,151
	MEXICO COUNTRY RANK 6										
1000210	CHICKENS, BREEDER STOCK, EGG	ND	104	160	702			0	15	8	2
1000230	CHICKENS, BREEDER STOCK, MEAT	ND	64	197	1,307			4	346		
1000240	CHICKENS, LIVE, EXC BREEDER	ND	62	1,295	1,333			22	214		
1000260	TURKEYS, LIVE, DOWNY STAGE	ND	171	150	171			15	28		
1001000	CHICKENS, DUCKS, ETC. NSPF	ND	214	58	63					51	47
1004120	CATTLE, BEEF, BREEDING, MALE	ND	17	8	6,706					0	90
1004140	CATTLE, BEEF, BREEDING, FEMALE	ND	25	4	4,269					0	146
1004160	CATTLE, DAIRY, BREEDING, MALE	ND	54	1	1,491					0	3
1004180	CATTLE, DAIRY, BREEDING, FEMALE	ND	18	9	6,284					2	1,622
1004190	CATTLE, LIVE, NOT FOR BREEDING	ND	12	26	11,233					0	64
1007100	HORSES FOR BREEDING	ND	59	1	1,413					0	17
1007200	HORSES, NSPF, MULES, LIVE, ETC.	ND	84	1	971					0	77
1008200	SHEEP, LIVE	ND	107	16	672						
1008300	SWINE, LIVE	ND	109	1	635					0	2
1009620	ANIMALS, LIVE, NSPF FOR FOOD	ND	160	15	230						
1009640	LIVE ANIMALS, NSPF		154	0	267			0	22		2
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	51	2,968	1,537			40	28	158	77
1054140	CHICKENS, EX YOUNG, WHOLE	LB	68	2,840	1,246					75	29
1054160	CHICKEN PIECES, FRESH, ETC.	LB	11	24,664	11,549					5,901	2,876
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	170	274	175					45	48
1055140	TURKEY PIECES, FRESH, ETC	LB	91	1,572	906					23	15
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	151	631	282					277	205
1057100	POULTRY LIVERS, FRESH, ETC	LB	220	123	54					14	6
1058300	BIRD MEAT, PREP, EX CANNED	LB	189	195	110					114	90
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	27	4,931	3,878			4	11	50	60
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	80	895	1,059			5	15	4	12
1061080	VEAL, CRCSS, FRESH, CHILLED, ETC	LB	221	52	54					2	2
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	124	330	507					23	47
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	67	2,586	1,248					45	9
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	249	28	30						
1068200	BEEF TONGUES, FRESH, ETC	LB	97	739	766					17	21
1068400	BEEF LIVER, FRESH, ETC	LB	36	5,994	2,424					148	77
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	10	43,698	12,611			2	3	7,556	2,584
1068800	VEAL OFFAL, FRESH, CHILLED, ETC	LB	267	42	22						
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	114	829	601			3	5	528	396
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	47	7,840	1,718					605	207
1070100	SAUSAGES, ETC, CANNED	LB	237	50	40					40	31
1070200	SAUSAGES, ETC, EXC CANNED	LB	83	773	987					474	639
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	43	2,891	1,872			7	10	9	16
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	298	4	11			3	8		
1074200	BEEF AND VEAL, CANNED	LB	198	98	89					47	44
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	228	46	47			3	6	33	37
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	161	221	229			55	97		
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	284	28	17					25	15
1076600	MT & EDBL OFFL, PREP EX CANND	LB	106	765	672					354	347
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	251	11	29					8	19
1150100	MLK & CRM, FLUID, FRSH OR SOUR	GAL	41	910	2,055					30	49
1153000	MILK & CRM, NT SWT(EVAP)CANND	LB	128	781	434					536	313
1153500	MILK & CRM, SWT(CONDNSD) CNND	LB	352	3	2					3	2
1154000	MLK & CRM, CNDNS/EVAP, NT CNND	LB	289	79	14						
1155020	NONFAT DRY MILK, DONATED	LB	14	31,057	8,887					282	93
1155040	NONFAT DRY MILK, NOT DONATED	LB	5	104,773	39,159					37	10
1155700	DRIED MILK AND CREAM, NSPF	LB	93	1,168	884			4	2	70	25
1160100	BUTTER	LB	30	6,679	3,503					5	4
1163000	MARGARINE, INCLDNG OLEO	LB	92	3,582	897			5	3	171	43
1171700	CHEDDAR CHEESE	LB	39	3,455	2,139					7	10
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	15	16,809	8,042					617	452
1178600	CHEESES, NSPF	LB	79	1,184	1,060			2	6	238	217
1180500	WHEY, DRIED	LB	34	11,489	2,504					141	47
1181000	YOGURT, OTHER FERMENTD MILK	LB	319	14	7					14	7
1181200	INFNTS DIET SUPP, DRY MILK	LB	311	14	9					14	9
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	318	6	7						
1182500	ICE CREAM	GAL	345	1	2					1	2
1186000	MILK PRODUCTS, NSPF		187	0	111						68
1195100	SHELL EGGS FOR HATCHING	DOZ	123	466	522			9	16		
1195300	EGGS IN THE SHELL, NSPF	DOZ	125	427	451			21	184		

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B				U S TOTAL		VESSEL		AIR		CAL PORTS	
NUMBER	COMMODITY DESCRIPTION	U/M	RANK	QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1196520	EGG ALBUMEN(WHITES), DRIED	LB	145	183	319					0	2
1197020	EGG ALBUMEN(WHITES), EX DRIED	LB	300	5	11						
1197040	WHL EGG OR YLK, N/SHLL, EX DRD	LB	256	31	27						
1201400	CATTLE HIDES, WHOLE	PC	2	1.427	65.841					35	1.267
1201720	WHOLE CALF SKINS	PC	72	109	1.195					27	342
1201740	WHOLE KIP SKINS	PC	53	83	1.496					1	11
1201755	CATTLE HIDE CROUPONS ETC	PC	157	11	251						
1201765	BOVINE HIDES.EXC WHOLE.NSPF	LB	23	34.179	4.719					527	60
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	85	202	968					87	397
1202044	EQUINE HIDES	LB	179	627	145						
1202047	GOAT AND KID SKINS	PC	95	166	795					26	186
1202092	PIG AND HOG SKINS	NO	26	1.225	3.902						
1202095	OTHER HIDES AND SKINS.NSPF	NO	105	0	700						
1230000	SHEEP, ETC. SKNS. WHL. FOR FURS	NO	250	5	29						
1253100	BULBS, ROOTS, ROOTSTOCKS.ETC		120	0	535			2	8		472
1255200	FRUIT AND NUT PLANTS, ETC		71	0	1.231						780
1256500	ROSE PLANTS		73	0	1.190			129	1.172		1.190
1258100	LIVE PLANTS, NSPF		100	0	730			19	68		339
1260120	ALFALFA SEED, UNCERTIFIED	LB	89	975	923					300	281
1260140	ALFALFA SEED, CERTIFIED	LB	28	3.287	3.739					321	375
1260300	SUGAR BEET SEED	LB	348	1	2						
1261700	SEED, CARROT	LB	127	129	442			3	4		
1263120	LADINO CLOVER SEED	LB	334	5	5						
1264100	FLOWER SEED	LB	167	19	190					1	6
1265700	MILLET	LB	206	901	82					182	21
1266100	ONION SEED	LB	32	550	2.983			83	183	165	732
1267100	PEPPER SEED	LB	78	428	1.088			2	3	2	3
1267300	RADISH SEED	LB	176	92	154					43	76
1268100	SPINACH SEED	LB	204	100	86					97	82
1271220	SUDAN GRASS SEED	LB	184	441	126					433	123
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	35	4.124	2.431					70	47
1271510	CANTALOPE SEED	LB	48	528	1.696			42	86	7	27
1271515	CUCUMBER SEED	LB	69	208	1.235			7	24		
1271530	LETTUCE SEED	LB	175	31	161					12	29
1271545	SQUASH SEED	LB	45	700	1.839					9	27
1271560	TOMATO SEED	LB	40	276	2.106					3	26
1271570	WATERMELON SEED	LB	139	105	350			8	20	2	7
1271580	VEGETABLE SEEDS, NSPF	LB	31	1.091	3.264			12	38	194	523
1271590	SEEDS, NSPF	LB	22	2.680	4.868			16	666	708	1.196
1301040	BARLEY, OTHER THAN MALTING	BU	200	28	88					6	23
1301700	BUCKWHEAT AND CANARY SEED	LB	76	8.740	1.152					4.813	563
1303200	CORN OR MAIZE, DONATED	BU	58	751	1.440						
1303420	SWEET CORN SEED, NOT DONATED	LB	66	1.635	1.251						
1303440	CORN SEED.EXC SWT.NT DONATED	LB	19	6.929	6.153					12	2
1303465	YELLOW CORN, NOT DONATED	BU	1	128.653	266.299	4.706.002	163.661			322	888
1303475	CORN, NSPF, NOT DONATED	BU	24	1.669	4.650					4	8
1304020	GRAIN SORGHUM SEED	LB	21	20.587	5.919					707	66
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	3	26.427	56.120	299.126	10.606			652	1.575
1304500	OATS	BU	122	312	526					15	23
1305000	RICE, PADDY OR ROUGH	LB	195	683	91						
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	238	275	37					231	29
1305540	RICE, HUSKED, BROWN, MED GRAIN	LB	232	429	45						
1305560	RICE, HUSKED, BRWN, SHORT GRAIN	LB	254	135	27						
1305580	RICE, HUSKED, BRWN, MIXED GRAIN	LB	301	135	11						
1306000	RYE	BU	169	74	184						
1306520	WHEAT, UNMILLED, DONATED	BU	303	12	11						
1306540	WHEAT, UNMILLED, NOT DONATED	BU	7	4.127	13.272	73.197	3.511			187	1.013
1312600	OATS, MILLED EX BRKFST CEREAL	LB	152	3.815	276						
1313015	LG GR PRBL HD RICE, NT RELIEF	LB	277	109	19					74	14
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	349	8	2					8	2
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	281	92	18					44	6
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	233	242	44					158	27
1313060	HD RICE, MX GRN, X PRBL, NT DON	LB	274	106	19					55	11
1313070	BROKEN RICE, NOT DONATED	LB	335	24	4					24	4
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	46	287	1.838					8	89
1314030	WHEAT FLOUR, NSPF, DONATED	CWT	216	10	61						
1314040	WHEAT FLOUR NSPF NT DONATED	CWT	56	157	1.444					5	27
1314090	WHEAT, MILLED, NSPF	CWT	218	15	58						
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	278	2	19						
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	50	198	1.597					80	774
1324020	CORNSTARCH, INCLUDING MILO	LB	49	26.073	1.681					25.931	1.597
1324040	STARCHES, NSPF	LB	155	929	263					587	162
1351800	ASPARAGUS, FRESH OR CHILLED	LB	77	2.249	1.096					2.243	1.094
1352100	BEANS, FRESH OR CHILLED	LB	108	2.979	645					2.957	637
1352300	BROCCOLI, FRESH OR CHILLED	LB	246	122	32						
1352500	BRUSSEL SPROUTS, FRH OR CHLD	LB	307	40	10						
1352900	CARROTS, FRESH OR CHILLED	LB	309	70	10					70	10
1353100	CAULIFLOWER, FRESH OR CHILLED	LB	341	11	3						
1353300	CELERY, FRESH OR CHILLED	LB	173	975	162					975	162
1353500	DASHEENS, ETC., FRH OR CHILLED	LB	192	517	102					504	100
1353700	SWEET CORN, FRESH OR CHILLED	LB	60	6.668	1.406					6.668	1.406
1353900	CUCUMBERS, FRESH OR CHILLED	LB	304	70	10						
1354000	GARLIC, FRESH OR CHILLED	LB	299	51	11					45	10
1354300	LETTUCE, FRESH OR CHILLED	LB	193	622	96					568	89
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	117	5.479	557					3.763	376
1354700	PEPPERS, FRESH OR CHILLED	LB	219	442	58					265	27
1354920	POTATOES, WHITE, FR FOR SEED	LB	261	257	25						
1354940	POTATOES, WHITE, FR EX SEED	LB	133	3.072	380					1.062	107
1355300	TOMATOES, FRESH OR CHILLED	LB	236	154	41						
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	146	1.701	316			,10	3	1.475	239
1382000	CORN, SWEET, FROZEN	LB	213	258	63					46	10
1383000	PEAS, FROZEN	LB	285	70	17						
1387000	VEGETABLES, NSPF, FROZEN	LB	210	131	65			59	40	51	40
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	33	12.238	2.923						

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	9	55,681	12,861					3,930	951
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	163	878	205						
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	351	8	2					8	2
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	209	368	78					49	5
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	340	13	3					13	3
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	207	297	81					197	61
1403100	BEANS, SEED	LB	130	975	401					26	6
1403300	PEAS, SEED	LB	138	1,343	350					134	28
1403500	LENTILS,DRIED,ETC	LB	118	3,069	555					2,541	416
1404100	LEG VEGS NSPF EX FLOUR, DRY	LB	222	144	53					10	4
1405100	GARLIC,DRIED,ETC.,EXC FLOUR	LB	240	34	36						
1405300	ONIONS,DRIED,ETC.,EXC FLOUR	LB	242	35	35						
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	273	65	20						
1405660	POTATOES,NSPF,DRD,ETC,X FLR	LB	244	152	33						
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	182	180	132					180	132
1407100	VEGETABLES REDUCED TO FLOUR	LB	99	1,750	744					173	83
1410100	ASPARAGUS,CND,EXCL PICKLED	LB	350	5	2					5	2
1410320	DRY BEANS,CND,EXCL PICKLED	LB	268	204	21					5	3
1410340	BEANS,CND,NSPF,EXCL PICKLED	LB	188	282	111					192	78
1410500	CORN, CANNED, EXCL PICKLED	LB	96	2,720	772					1,333	338
1411100	PEAS,EXC COW & CHICKPEAS,CND	LB	295	44	18					35	9
1412220	TOMATO PULP (PUREE), CANNED	LB	336	6	4						
1412240	TMTO SC, EX CTSP & CHILI SC	LB	174	525	162						
1412260	TOMATO PASTE, CANNED	LB	326	21	6						
1412280	TOMATOES, CANNED, NSPF	LB	347	8	2						
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	110	1,698	633					1,554	579
1414200	VEGETABLE BABY FOOD, CANNED	LB	269	67	21					67	21
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	314	14	8						
1417500	VEGETABLES, PREP, PRES, NSPF	LB	126	593	444					10	27
1442500	MUSHROOMS, CANNED	LB	320	6	7					6	7
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	330	6	5					6	5
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	129	579	432					80	51
1452200	PECANS,NOT SHELLD OR ROASTED	LB	239	74	36						
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	20	7,680	5,974					7,618	5,927
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	224	20	50					17	41
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	215	41	62					4	11
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	88	750	937					75	47
1454900	PECANS,SHELLED,NOT BLANCHED	LB	225	66	50					1	2
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	177	42	153					42	153
1455720	PISTACHIOS, SHELLED	LB	136	463	364					449	358
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	235	35	43						
1456100	ALMONDS, PREPARED, PRESERVED	LB	227	29	48					15	33
1457520	PISTACHIOS, PREP OR PRESRVD	LB	205	69	85					40	20
1457542	MACADAMIA, PREP OR PRESERVED	LB	272	5	20						
1457547	OTHER NUTS,PREP OR PRESERVED	LB	346	3	2					3	2
1461000	APPLES, FRESH	LB	74	6,609	1,169					3,754	849
1463500	AVOCADOS, FRESH	LB	270	93	21					84	20
1466500	BERRIES, FRESH, NSPF	LB	252	63	28					5	3
1468520	CHERRIES, SWEET, FRESH	LB	248	73	31					8	4
1471500	GRAPEFRUIT, FRESH	LB	283	251	18						
1471900	LEMONS, FRESH	LB	132	2,390	384					2,357	377
1473140	ORANGES, FRESH, NSPF	LB	194	924	91					893	87
1476500	GRAPES, FRESH	LB	119	2,290	545					283	73
1481700	CANTALOUPES, FRESH	LB	255	188	27					151	18
1482000	WATERMELON, FRESH	LB	275	247	19						
1482700	MELONS, FRESH, NSPF	LB	325	55	6					55	6
1487500	PEACHES & NECTARINES, FRESH	LB	61	6,507	1,359			3	3	3,516	761
1488500	PEARS, FRESH	LB	90	5,299	908					2,768	626
1491700	PRUNES AND PLUMS, FRESH	LB	165	790	197					383	82
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	257	122	27					110	22
1497000	STRAWBERRIES, FROZEN	LB	312	60	9						
1498520	CHERRIES, SWEET, FROZEN	LB	316	13	8						
1499000	FRUITS, FROZEN, NSPF	LB	241	128	35					82	25
1501200	APPLES, DRIED	LB	266	50	23					8	3
1502200	APRICOTS PEACHES PEARS DRIED	LB	147	264	307					94	153
1506500	GRAPES (RAISINS), DRIED	LB	181	119	135					47	71
1508000	PRUNES, DRIED	LB	37	3,810	2,246	237	120			678	334
1508500	FRUITS, DRIED, NSPF	LB	229	72	47			27	14	37	27
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	323	10	7					10	7
1510500	FRUIT IN BRINE, NSPF	LB	343	4	3					4	3
1512000	MARASCHINO CHERRIES, PREP	LB	258	27	26	10	8			8	8
1512520	CHERRIES, SWEET, NSPF, PREP	LB	305	15	10	9	6			7	6
1513000	BERRIES, PREPARED OR PRES	LB	338	5	4	6	4			5	4
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	327	16	6						
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	333	9	5					9	5
1515500	OLIVES, PREP OR PRES, NSPF	LB	321	10	7						
1516000	PEACHES AND NECTARINES, PREP	LB	243	80	33	82	29			74	31
1517000	PEARS, PREPARED OR PRESERVED	LB	310	26	10						
1518500	FRUIT NSPF, PREP, PRESERVED	LB	288	24	15					4	4
1519500	FRUIT MIXTURES, NSPF, PREP	LB	180	257	139	27	11	5	5	196	114
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	98	2,578	758	2,793	758			2,578	758
1525500	FRUIT BABY FOOD, CANNED	LB	354	6	2						
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	282	47	18			6	2	47	18
1533000	JAMS, JELLIES MARMALADES ETC	LB	231	90	45					50	29
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	217	36	60						
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	196	327	89					43	7
1552045	RAW SUGAR, BEET OR CANE	STN	271	0	21						
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	337	25	4						
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	141	159	329						
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	203	179	87	12	10	1	2		
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	260	53	26					4	2
1616100	MUSTARD SEEDS	LB	293	74	13						
1618100	RED PEPPER	LB	247	36	31					21	18
1621700	SPICE AND SPICE SEEDS, NSPF	LB	81	1,006	1,054			1	2	783	734

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						.000 LBS		.000 LBS			
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	245	16	32			29	32		
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	253	27	27					25	15
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	202	66	87						
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	168	71	185						
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	279	20	18						
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	353	3	2					3	2
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	322	3	7					3	7
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	259	10	26					10	26
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	297	8	12					8	12
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	265	28	23					19	10
1663040	VEGETABLE JUICES, NSPF	GAL	280	11	18					11	18
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	183	93	130	11	3			25	28
1673100	STILL WINE NT OV 14% ALCOHOL	WG	186	18	115	44	19			0	2
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	140	84	341			20	21		
1675120	CIDER	GAL	344	0	2					0	2
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	315	6	8						
1683000	BRANDY	PFG	65	108	1,251			60	117	0	2
1751500	COTTONSEED	LB	29	31,718	3,521					4,597	460
1751800	FLAXSEED (LINSEED)	LB	111	7,311	620						
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	135	1,761	364					11	2
1756020	SAFFLOWER SEED	LB	208	883	79						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	63	6,011	1,333					2,759	778
1761820	COTTONSEED OIL, CRUDE	LB	86	4,321	964						
1761840	COTTONSEED OIL, ONCE-REFINED	LB	159	1,212	241	1,212	241				
1761880	COTTONSEED SALAD OIL NT/RELF	LB	153	1,278	273					50	13
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	226	71	49					8	5
1769190	VEGETAB OILS, NSPF, UNMIXED	LB	148	735	302					44	44
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	230	127	46					28	7
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	234	189	44					189	44
1775620	TALLOW, EDIBLE	LB	16	44,913	7,790					2,922	505
1775640	TALLOW, INEDIBLE	LB	4	318,161	51,970	113,575	17,389			373	66
1775900	WOOL GREASE	LB	190	91	109			3	3		
1777320	ANHYDROUS MILK FAT	LB	339	4	4						
1777360	CHOICE WHITE GREASE	LB	286	100	16					100	16
1777385	YELLOW GREASE	LB	121	2,361	531						
1777390	OTHER TALLOW, NSPF	LB	112	2,874	619					158	36
1781120	VEG SALAD OIL HYDRGNTD RELEF	LB	162	778	206						
1781140	VEG SALAD OIL, NOT RELIEF	LB	329	20	6					11	3
1783540	COTTONSEED OIL, HYDROGENATED	LB	313	27	8					27	8
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	103	1,332	705					129	63
1786000	SALAD & COOKING OIL, MIXTURE	LB	287	29	16					23	13
1787020	BAKING FATS, MIX OF VEG OILS	LB	70	3,185	1,232					769	280
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	156	658	263					315	89
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	131	814	391					801	388
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	166	219	194						
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	291	36	13					31	11
1824420	CATSUP AND CHILI SAUCE	LB	328	26	6					10	2
1825120	SOUPS, DRIED OR DEHYDRATED	LB	101	1,083	721					1,056	708
1825140	SOUPS, N S P F	LB	102	1,809	706					1,155	489
1825600	VINEGAR	GAL	292	6	13	15	4			4	9
1829420	POTATO CHIPS AND STICKS	LB	317	19	7					6	3
1829740	MIXED SEASONINGS	LB	144	305	324	11	9			61	69
1829742	VEG FLOURS & GRITS, DEFATTED	LB	331	44	5					44	5
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	308	87	10					87	10
1829752	VEGETABLE PROTEIN ISOLATES	LB	44	3,530	1,868						
1829754	VEG PRO CONCENTRATES, ETC	LB	306	21	10						
1829760	EDIBLE PREP, NSPF, CANNED	LB	342	3	3					3	3
1829770	EDIBLE PREP, NSPF, FROZEN	LB	143	492	328					10	7
1829780	EDIBLE PREPARATIONS, NSPF	LB	38	2,150	2,226	118	428			845	1,018
1841020	WHEAT BY-PRODCTS, ANIMAL FEED	STN	212	1	64					0	3
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	178	3	151					2	127
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	263	0	25					0	2
1843600	HAY AND STRAW	STN	150	4	283					3	257
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	264	1	25						
1845240	COTTONSEED OIL CAKE AND MEAL	STN	137	3	359					1	169
1845290	VEGETAB OIL CAKE, CAKE-MEAL	STN	296	0	12					0	12
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	142	2	329					0	14
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	158	570	249					72	20
1848005	ALFALFA HAY CUBES	STN	262	0	25					0	21
1848010	ALFALFA MEAL, SUN CURED	STN	191	2	108					0	8
1848015	ALFALFA MEAL, DEHYDRATED	STN	324	0	7					0	3
1848025	FEATHER MEAL	STN	185	1	122						
1848032	DOG & CAT FOOD, RETAIL SALE	LB	113	1,899	606					959	258
1848034	PET FOOD NSPF, RETAIL SALE	LB	75	3,332	1,159			3	6	52	16
1848035	POULTRY FEEDS, PREPARED	STN	116	3	576					0	30
1848040	DAIRY CATTLE FEED, PREPARED	STN	199	1	89					0	30
1848045	LIVESTOCK FEED, PREP, NSPF	STN	134	4	379					1	29
1848070	CITRUS PULP PELLETS	STN	332	0	5					0	2
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	87	4	939					0	18
1860500	BIRDS FEA/DOWN CRUDE/TREATED	LB	302	2	11			2	8		
1865700	HAIR AND BRISTLES, NSPF	LB	164	167	198			7	23		
1911520	BULL SEMEN (BOVINE)		55	0	1,487			19	1,081		40
1912520	PANCREAS GLANDS		197	0	89						
1912570	ANIMAL PRODUCTS, NSPF		42	0	1,890			0	20		6
1920600	SEAWEED AND CARRAGEENIN	LB	57	394	1,443			6	20	1	2
1921120	CUT FLOWERS, FRSH SPRAYS ETC		290	0	14			1	14		14
1921140	FOLIAGE, ORNAMENTAL PURPOSES		172	0	168			2	5		32
1922520	HOP PELLETS	LB	94	300	800	327	800				
1922540	HOPS, OTHER	LB	294	4	12						
1923200	HOP EXTRACT AND LUPULIN	LB	8	1,579	13,131	324	7,746			38	586
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	211	117	65	3	4	5	8	4	11
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	82	3,457	1,032			0	2	11	14
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	52	5	1,533					1	531
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	6	48	14,817	37	96			0	61

-- MEXICO CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						.000 LBS		.000 LBS			
3001550	COTTON OTH. 1-1/8 IN OR MORE	RBA	13	36	10,890					1	527
3003021	COTTON LINTERS. OTHER	LB	115	2,982	580			1	3	133	7
4523400	LEMON OIL	LB	201	13	88					0	2
4524400	ORANGE OIL	LB	149	701	298					50	49
7482500	FLOWERS. CUT NATURAL.DRIED		223	0	51			7	22		15
7482900	OTHER DRIED PLANTS. N.S.P.F		276	0	19						5
	TOTALS FOR MEXICO				$810,746	5,197,178	$201,464	814	$4,744		$54,082
MOROC	COUNTRY RANK 22										
1000210	CHICKENS. BREEDER STOCK.EGG	NO	20	8	34			2	34		
1000230	CHICKENS. BREEDER STOCK.MEAT	NO	17	71	112			.9	112		
1004140	CATTLE.BEEF.BREEDING.FEMALE	NO	14	0	183			185	183		
1004160	CATTLE.DAIRY.BREEDING.MALE	NO	11	1	690			777	690		
1004180	CATTLE.DAIRY.BREEDING.FEMALE	NO	9	1	1,226	395	395	735	687		
1004190	CATTLE.LIVE.NOT FOR BREEDING	NO	25	0	22						
1155020	NONFAT DRY MILK. DONATED	LB	7	6,469	1,762	6,584	1,762				
1201400	CATTLE HIDES. WHOLE	PC	13	4	202	238	202				
1230000	SHEEP.ETC.SKNS.WHL.FOR FURS	NO	10	99	847	694	847				
1260140	ALFALFA SEED. CERTIFIED	LB	19	51	61	52	61			51	61
1271570	WATERMELON SEED	LB	16	37	119	33	91	12	28		
1271580	VEGETABLE SEEDS. NSPF	LB	15	38	133	43	121	1	12	26	87
1271590	SEEDS. NSPF	LB	23	58	27	56	13	5	14	58	27
1303420	SWEET CORN SEED. NOT DONATED	LB	24	13	26	14	26				
1303440	CORN SEED.EXC SWT.NT DONATED	LB	18	168	68	170	68				
1303465	YELLOW CORN. NOT DONATED	BU	2	5,730	10,147	320,864	10,147				
1304020	GRAIN SORGHUM SEED	LB	21	36	33	37	33				
1304040	GRAIN SORGHUM. EXCEPT SEED	BU	27	2	9	94	9				
1306520	WHEAT.UNMILLED.DONATED	BU	4	1,186	3,427	71,218	3,427				
1306540	WHEAT.UNMILLED.NOT DONATED	BU	1	73,216	151,063	4,392,996	151,063				
1313040	HD RICE.MD GRN.X PRBL.NT DON	LB	8	22,125	1,383	22,125	1,383			22,125	1,383
1314030	WHEAT FLOUR.NSPF. DONATED	CWT	5	333	2,800	33,386	2,800				
1775640	TALLOW. INEDIBLE	LB	6	12,691	2,145	12,691	2,145				
1829780	EDIBLE PREPARATIONS. NSPF	LB	26	15	15	16	15			15	15
1846640	MEAT & OFFAL. INEDIBLE. NSPF	LB	29	4	2			4	2		
1911520	BULL SEMEN (BOVINE)		22	0	30			0	30		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	3	20	6,578	10,256	6,578			1	352
3001550	COTTON OTH. 1-1/8 IN OR MORE	RBA	12	2	567	773	567				
4524400	ORANGE OIL	LB	28	1	9	1	9				
	TOTALS FOR MOROC				$183,718	4,872,737	$181,760	1,731	$1,793		$1,924
NETHLDS	COUNTRY RANK 9										
1000210	CHICKENS. BREEDER STOCK.EGG	NO	98	77	362			10	362		
1000230	CHICKENS. BREEDER STOCK.MEAT	NO	34	384	2,631			54	2,631		
1000240	CHICKENS.LIVE.EXC BREEDER	NO	159	170	114			9	114		
1007100	HORSES FOR BREEDING	NO	125	0	210			51	210		
1007200	HORSES.NSPF.MULES.LIVE.ETC.	NO	106	0	310			57	310	0	68
1009640	LIVE ANIMALS. NSPF		141	0	157			28	157		
1054120	CHICKENS.YOUNG.WHOLE.FRESH	LB	182	164	85	169	85				
1054140	CHICKENS.EX YOUNG. WHOLE	LB	61	841	972	885	972			322	389
1054160	CHICKEN PIECES.FRESH. ETC	LB	81	1,514	526	1,576	526				
1055140	TURKEY PIECES.FRESH. ETC	LB	239	76	15	80	15				
1056100	BIRD MEAT.NSPF.FRESH. ETC	LB	148	416	137	420	137				
1057100	POULTRY LIVERS.FRESH. ETC	LB	109	1,013	280	1,189	280				
1058100	BIRD MEAT. CANNED	LB	204	19	37	20	37				
1058300	BIRD MEAT.PREP.EX CANNED	LB	115	123	261	112	231			80	95
1061025	BEEF.CRCSS.W/BONE.FRESH.ETC	LB	68	354	724	359	715	3	10		
1061060	BEEF.CRCSS.W/O BONE.FRESH	LB	10	7,090	11,607	7,514	11,104	111	448		
1061080	VEAL.CRCSS.FRESH.CHILLED.ETC	LB	273	1	5			1	5		
1062500	LAMB.CRCSS.FRESH.CHILLED.ETC	LB	269	0	6			0	6		
1065100	HORSEMEAT.CRCSS.FRESH.ETC	LB	11	19,469	11,526	18,261	10,020	1,155	1,298		
1068200	BEEF TONGUES. FRESH. ETC	LB	35	2,399	2,607	2,485	2,607				
1068400	BEEF LIVER. FRESH. ETC	LB	55	3,260	1,183	3,421	1,183				
1068600	BEEF OFFAL.NSPF.FRESH.ETC	LB	28	7,153	3,207	7,463	3,194	29	14		
1068800	VEAL OFFAL.FRESH.CHILLED.ETC	LB	94	313	396	329	390	1	5		
1069000	LAMB OFFAL.FRESH.CHILLED.ETC	LB	77	1,036	552	1,073	552				
1069600	MEAT OFFAL.NSPF.FRESH.ETC	LB	124	322	211	335	211				
1070100	SAUSAGES.ETC.CANNED	LB	262	9	9	11	9				
1073820	BEEF.EX CRCSS.FRESH.ETC	LB	85	136	498	69	162	15	336		
1073840	VEAL.EX CRCSS.FRESH.ETC	LB	272	1	5			1	5		
1074[illegible]00	BEEF & VEAL.EX SAUSAGE.NSPF	LB	104	70	328	18	96	55	232		
1076200	MEAT.NSPF EX CRCSS. FRESH	LB	95	205	381	174	326	22	34		
1076600	MT & EDBL OFFL.PREP EX CANND	LB	197	27	87			32	47		
1078000	MEAT EXTRACT.INCLUDING FLUID	LB	263	1	9	2	5				
1178600	CHEESES. NSPF	LB	184	49	85	59	85				
1180000	WHEY. FLUID	GAL	165	20	137	140	130	7	7		
1180500	WHEY. DRIED	LB	153	639	128						
1181200	INFNTS DIET SUPP.DRY MILK	LB	110	69	237	48	250				
1181700	DIET SUPP.NSPF.MLK BS.ETC	LB	169	95	98	94	77	13	17		
1186000	MILK PRODUCTS. NSPF		216	2	28						
1195100	SHELL EGGS FOR HATCHING	DOZ	258	9	13			13	10		
1195300	EGGS IN THE SHELL. NSPF	DOZ	252	7	12	4	2	3	10		
1196520	EGG ALBUMEN(WHITES).DRIED	LB	192	22	61	24	61				
1197020	EGG ALBUMEN(WHITES).EX DRIED	LB	162	49	110	50	113				
1197040	WHL EGG OR YLK.N/SHLL.EX DRD	LB	243	17	15			19	15		

-- NETHLDS CONTINUES ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1201400	CATTLE HIDES, WHOLE	PC	37	50	2,535	539	395				
1201720	WHOLE CALF SKINS	PC	195	5	53						
1201755	CATTLE HIDE CROUPONS ETC	PC	99	35	353	359	153				
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	108	2,000	301						
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	84	36	499	329	499			32	481
1202092	PIG AND HOG SKINS	NO	158	39	119	152	89				
1202095	OTHER HIDES AND SKINS, NSPF	NO	241	0	15						
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	202	5	41	22	41				
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		69	0	711	376	352	52	222		192
1255200	FRUIT AND NUT PLANTS, ETC		196	0	51	9	12	1	27		
1258100	LIVE PLANTS, NSPF		42	0	917	1,859	1,593	101	320		101
1260120	ALFALFA SEED, UNCERTIFIED	LB	251	12	13	11	10				
1260140	ALFALFA SEED, CERTIFIED	LB	205	33	26	31	32			31	32
1260300	SUGAR BEET SEED	LB	244	[illegible]	15						
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	130	81	190	81	188				
1261700	SEED, CARROT	LB	74	208	594	132	191	35	162	32	46
1263140	WHITE CLOVER SEED	LB	240	11	15	11	15				
1264100	FLOWER SEED	LB	60	58	972	46	174	14	766	33	680
1265700	MILLET	LB	45	27,163	1,509	22,959	1,224				
1266100	ONION SEED	LB	151	11	131	13	91	2	41	11	131
1267100	PEPPER SEED	LB	274	1	5	1	5			1	5
1267300	RADISH SEED	LB	167	88	102	91	101	1	2		
1268100	SPINACH SEED	LB	225	23	23		23				
1268700	TREE AND SHRUB SEEDS	LB	133	27	184			29	184	16	129
1271220	SUDAN GRASS SEED	LB	259	33	10						
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	87	373	478	365	442	18	35	125	191
1271510	CANTALOPE SEED	LB	245	6	14	5	12	1	2	6	14
1271515	CUCUMBER SEED	LB	102	106	335	116	332	1	3	106	335
1271530	LETTUCE SEED	LB	166	22	105	23	55	2	50	7	68
1271545	SQUASH SEED	LB	207	3	35			4	35	2	19
1271560	TOMATO SEED	LB	210	3	33	2	20	1	13	3	33
1271570	WATERMELON SEED	LB	82	134	501	137	481	6	17	82	368
1271580	VEGETABLE SEEDS, NSPF	LB	19	2,367	5,343	2,056	4,038	53	289	542	2,051
1271590	SEEDS, NSPF	LB	40	1,174	2,247	1,083	1,691	72	363	252	1,003
1301700	BUCKWHEAT AND CANARY SEED	LB	120	1,758	240	34	11			34	11
1303420	SWEET CORN SEED, NOT DONATED	LB	144	65	146	67	141	1	2		
1303440	CORN SEED, EXC SWT, NT DONATED	LB	78	1,533	541	3	3				
1303465	YELLOW CORN, NOT DONATED	BU	5	13,055	24,558	731,070	24,558				
1303475	CORN, NSPF, NOT DONATED	BU	230	9	20						
1304020	GRAIN SORGHUM SEED	LB	177	584	88						
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	267	2	7						
1305000	RICE, PADDY OR ROUGH	LB	257	117	11	43	4				
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	32	35,795	2,957	36,168	2,957				
1305560	RICE, HUSKED, BRWN, SHORT GRAIN	LB	266	39	7	39	7			39	7
1305580	RICE, HUSKED, BRWN, MIXED GRAIN	LB	220	244	23	247	23			240	19
1306000	RYE	BU	229	8	21	105	5				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	27	1,030	3,401	61,671	3,393				
1313015	LG GR PRBL HD RICE, NT RELIEF	LB	20	64,985	5,211	65,017	5,211				
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	206	143	36	145	36				
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	22	56,873	4,966	56,879	4,966				
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	79	5,476	535	5,865	535			5,136	480
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	152	663	128	669	128			625	117
1313060	HD RICE, MX GRN, X PRBL, NT DON	LB	59	27,558	1,004	27,558	1,004				
1313070	BROKEN RICE, NOT DONATED	LB	203	848	38	848	38				
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	155	15	123	1,410	115				
1314090	WHEAT, MILLED, NSPF	CWT	280	0	2			4	2		
1324020	CORNSTARCH, INCLUDING MILO	LB	194	114	56	75	29	7	7		
1352100	BEANS, FRESH OR CHILLED	LB	199	117	44						
1352900	CARROTS, FRESH OR CHILLED	LB	233	124	20	126	20				
1353100	CAULIFLOWER, FRESH OR CHILLED	LB	260	38	10			46	10	38	10
1353300	CELERY, FRESH OR CHILLED	LB	181	472	86	350	58	155	29	12	2
1353500	DASHEENS, ETC., FRH OR CHILLED	LB	237	79	17	82	17				
1354000	GARLIC, FRESH OR CHILLED	LB	271	5	5	5	5			5	5
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	241	39	15	40	15				
1354700	PEPPERS, FRESH OR CHILLED	LB	156	554	120	559	82	41	38		
1355300	TOMATOES, FRESH OR CHILLED	LB	275	19	4			20	4		
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	112	614	274	738	255	45	20	29	14
1382000	CORN, SWEET, FROZEN	LB	211	112	32	113	32				
1387000	VEGETABLES, NSPF, FROZEN	LB	201	104	42	128	42				
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	114	1,288	263	78	19			78	19
1400520	LIMA BEANS, BABY	LB	76	2,617	575	2,636	575			2,461	539
1400540	LIMA BEANS, OTHER THAN BABY	LB	172	467	93	469	93			467	93
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	83	2,311	500						
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	188	326	75						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	119	957	246	517	151			235	73
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	247	88	14	89	14				
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	86	7,142	493	2,744	143			39	7
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	187	317	76	319	76			312	74
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	246	76	14	5	2				
1403100	BEANS, SEED	LB	18	7,875	5,612	7,969	5,579			626	486
1403300	PEAS, SEED	LB	157	317	119	320	119			125	73
1403500	LENTILS, DRIED, ETC	LB	143	692	146	589	110				
1404100	LEG VEGS NSPF EX FLOUR, DRY	LB	221	29	23			4	13	3	13
1405100	GARLIC, DRIED, ETC., EXC FLOUR	LB	170	173	98	184	98			173	98
1405300	ONIONS, DRIED, ETC., EXC FLOUR	LB	48	1,676	1,322	1,783	1,322			1,354	1,049
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	97	1,369	363	1,411	363				
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	270	25	6	25	6				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	113	102	270	115	270			102	270
1407100	VEGETABLES REDUCED TO FLOUR	LB	71	952	661	982	640	8	11	918	647
1410100	ASPARAGUS, CND, EXCL PICKLED	LB	164	92	107	113	107				
1410320	DRY BEANS, CND, EXCL PICKLED	LB	227	58	21	74	21			31	11
1410340	BEANS, CND, NSPF, EXCL PICKLED	LB	281	5	2	6	2				
1410500	CORN, CANNED, EXCL PICKLED	LB	183	274	85	14	3			12	3
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	236	17	18	8	3	12	16		

--- METHLDS CONTINUED ON NEXT PAGE ---

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SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1412240	TMTO SC, EX CTSP & CHILI SC	LB	268	23	7			20	5		
1412260	TOMATO PASTE, CANNED	LB	234	39	19	47	19			26	9
1415700	VEGETABLES, EX CUCUMBER PKLD	LB	261	18	10	32	10				
1417500	VEGETABLES, PREP, PRES NSPF	LB	67	983	728	1,225	728				
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	105	295	318	301	318			169	216
1452200	PECANS, NOT SHELLD OR ROASTED	LB	160	126	113	129	113				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	7	20,867	17,963	21,809	17,963			8,145	7,323
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	139	64	159	69	159			64	159
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	9	8,093	13,329	8,456	13,329			6,136	10,497
1454900	PECANS, SHELLED, NOT BLANCHED	LB	75	276	578	289	578				
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	62	737	960	765	941	13	19	586	742
1456100	ALMONDS, PREPARED, PRESERVED	LB	14	2,921	6,091	3,122	6,053	24	38	2,770	5,851
1457545	CASHEWS, PREP OR PRESERVED	LB	161	37	113	37	113				
1457547	OTHER NUTS, PREP OR PRESERVED	LB	198	78	45	90	45			41	31
1459000	MIXTURES OF EDIBLE NUTS	LB	218	10	24	11	24				
1461000	APPLES, FRESH	LB	33	17,856	2,756	17,629	2,474			15	7
1463500	AVOCADOS, FRESH	LB	57	1,374	1,066	1,487	1,059	16	6	700	354
1465500	STRAWBERRIES, FRESH	LB	256	12	11			13	11	12	11
1466500	BERRIES, FRESH, NSPF	LB	140	280	158	255	147	4	2		
1468520	CHERRIES, SWEET, FRESH	LB	137	237	165			92	89	86	89
1471500	GRAPEFRUIT, FRESH	LB	12	46,052	9,259	48,681	9,259			4,603	774
1471900	LEMONS, FRESH	LB	66	3,735	782	3,947	782			2,665	506
1472200	LIMES, FRESH	LB	179	359	87	228	47	156	40		
1473120	TANGERINES, FRESH	LB	46	6,237	1,388	6,452	1,388			1,076	241
1473130	TEMPLE ORANGES, FRESH	LB	91	2,528	409	2,722	409			1,528	261
1473140	ORANGES, FRESH, NSPF	LB	21	22,208	4,967	23,277	4,967			14,582	2,950
1473500	CITRUS FRUITS, FRESH, NSPF	LB	209	84	35	78	29	10	6	38	10
1476500	GRAPES, FRESH	LB	100	572	343	614	307	51	37	164	117
1481700	CANTALOUPES, FRESH	LB	279	3	2	4	2				
1482000	WATERMELON, FRESH	LB	230	70	20	76	20				
1482700	MELONS, FRESH, NSPF	LB	235	92	18			99	18	92	18
1488500	PEARS, FRESH	LB	92	2,008	409	1,505	268				
1491700	PRUNES AND PLUMS, FRESH	LB	107	1,027	303	1,059	280	46	23	674	138
1493050	KIWIFRUIT, FRESH	LB	17	4,956	5,697	5,820	5,697			2,934	3,123
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	38	3,086	2,490	3,359	2,487	12	3	61	87
1497500	BERRIES, FROZEN, NSPF	LB	43	3,328	1,871	2,851	1,640				
1498520	CHERRIES, SWEET, FROZEN	LB	147	240	139						
1501200	APPLES, DRIED	LB	248	29	14						
1502200	APRICOTS PEACHES PEARS DRIED	LB	73	223	599	237	599			223	599
1504500	DATES, DRIED	LB	136	191	172	192	141	21	32	171	141
1506500	GRAPES (RAISINS), DRIED	LB	15	8,648	5,888	9,370	5,888			8,441	5,762
1508000	PRUNES, DRIED	LB	25	4,929	3,709	5,459	3,705	2	4	4,531	3,356
1508500	FRUITS, DRIED, NSPF	LB	214	42	29	45	25	1	4	1	4
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	175	77	90	86	90			51	70
1510500	FRUIT IN BRINE, NSPF	LB	129	297	198	297	198				
1511000	APRICOTS, PREP OR PRESERVED	LB	217	42	25	48	25			42	25
1512000	MARASCHINO CHERRIES, PREP	LB	223	39	23	48	23				
1512520	CHERRIES, SWEET, NSPF, PREP	LB	154	316	120	41	20				
1513000	BERRIES, PREPARED OR PRES	LB	255	31	11	37	11				
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	224	127	23	157	23			127	23
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	41	2,902	1,927	2,921	1,914	28	13		
1516000	PEACHES AND NECTARINES, PREP	LB	173	254	92	275	81			222	81
1517000	PEARS, PREPARED OR PRESERVED	LB	193	116	57	139	57			116	57
1518500	FRUIT NSPF, PREP, PRESERVED	LB	134	333	182	374	182			333	182
1519500	FRUIT MIXTURES, NSPF, PREP	LB	117	501	253	651	250	3	3	480	240
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	44	4,699	1,626	4,872	1,626			4	10
1525500	FRUIT BABY FOOD, CANNED	LB	265	27	8	50	8				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	50	3,792	1,284	4,742	1,284			369	286
1533000	JAMS, JELLIES MARMALADES ETC	LB	250	34	13	37	13				
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	213	170	29	180	29				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	8	40,770	13,494	505,526	13,494				
1557000	HONEY	LB	127	375	202	394	202			40	24
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	176	203	90	54	12	6	6	3	4
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	253	16	12	21	12				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	89	461	456	553	451	0	4	88	136
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	174	40	92	302	92				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	254	8	12	41	12				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	138	62	165	116	54			9	36
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	63	543	899	1,263	899				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	88	319	461	853	461				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	36	2,946	2,582	6,326	2,582			2,207	1,412
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	128	339	200	701	200				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	101	212	336	403	206			71	138
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	180	39	86	77	86				
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	186	58	78	155	78				
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	185	45	84	38	24			21	24
1663040	VEGETABLE JUICES, NSPF	GAL	222	7	23	64	23			5	9
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	135	38	172	276	134	4	8	0	5
1673100	STILL WINE NT OV 14% ALCOHOL	WG	93	50	399	750	396	0	4	36	282
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	123	42	227	477	227			3	7
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	238	4	16	3	3				
1683000	BRANDY	PFG	146	12	145	166	145				
1751800	FLAXSEED (LINSEED)	LB	212	593	32						
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	126	909	210						
1756020	SAFFLOWER SEED	LB	116	6,578	258	6,578	258				
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	249	33	13	32	8	2	5	30	8
1761820	COTTONSEED OIL, CRUDE	LB	65	3,597	811	3,597	811				
1761840	COTTONSEED OIL, ONCE-REFINED	LB	72	2,804	631	2,804	631				
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	23	11,187	4,909	11,203	4,909			11,187	4,909
1769180	JOJOBA OIL, UNMIXED	LB	189	26	135	31	135			23	103
1769190	VEGETAB OILS, NSPF, UNMIXED	LB	29	9,171	3,151	9,193	3,151			9,171	3,151
1775620	TALLOW, EDIBLE	LB	232	84	20	84	20				
1775640	TALLOW, INEDIBLE	LB	6	144,443	18,736	144,445	18,736				
1775900	WOOL GREASE	LB	278	3	3	3	3				

-- NETHLDS CONTINUED ON NEXT PAGE --

TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1783540	COTTONSEED OIL, HYDROGENATED	LB	208	45	35	50	35				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	150	157	134	167	133				
1787020	BAKING FATS, MIX OF VEG OILS	LB	200	14	42	15	42				
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	111	259	277	279	277				
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	226	40	22						
1824420	CATSUP AND CHILI SAUCE	LB	131	813	189	39	15				
1825120	SOUPS, DRIED OR DEHYDRATED	LB	228	13	21	14	21				
1825140	SOUPS, N S P F	LB	264	11	9	38	9				
1825600	VINEGAR	GAL	276	4	4						
1827000	WILD RICE CRUDE OR PROCESSED	LB	189	37	75	37	75				
1829420	POTATO CHIPS AND STICKS	LB	277	1	3	3	3				
1829740	MIXED SEASONINGS	LB	145	166	145	21	31				
1829752	VEGETABLE PROTEIN ISOLATES	LB	31	3,135	2,997	2,358	2,475	2	4		
1829754	VEG PRO CONCENTRATES, ETC	LB	58	1,834	1,048	54	160				
1829760	EDIBLE PREP, NSPF, CANNED	LB	171	86	95	91	43	7	52	6	52
1829780	EDIBLE PREPARATIONS, NSPF	LB	53	914	1,240	468	598	281	305	11	17
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	54	18	1,227	35,334	1,227				
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	121	3	240	6,520	240				
1842000	BEET PULP, DRIED	STN	4	240	25,163	479,948	25,163				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	24	52	4,369	103,735	4,369				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	3	429	31,670	858,577	31,670				
1845240	COTTONSEED OIL CAKE AND MEAL	STN	47	13	1,371	26,112	1,371				
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	16	49	5,840	97,948	5,840				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	51	15	1,273	29,335	1,273				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	80	2,757	534	2,833	534				
1848015	ALFALFA MEAL, DEHYDRATED	STN	56	15	1,175	29,549	1,175				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	64	1,510	827	1,177	607			14	22
1848034	PET FOOD NSPF, RETAIL SALE	LB	190	122	74	124	71	1	3		
1848035	POULTRY FEEDS, PREPARED	STN	219	0	23	58	23				
1848040	DAIRY CATTLE FEED, PREPARED	STN	215	0	26						
1848045	LIVESTOCK FEED, PREP, NSPF	STN	1	451	51,681	901,352	51,542	1	35		
1848070	CITRUS PULP PELLETS	STN	2	324	32,043	647,403	32,043				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	49	39	1,293	8,515	686				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	30	91	3,113						
1865700	HAIR AND BRISTLES, NSPF	LB	132	181	186	105	113				
1911520	BULL SEMEN (BOVINE)		26	0	3,702			18	3,702		1,670
1912520	PANCREAS GLANDS		191	0	64	67	64				
1912550	ANIMAL PRODUCTS, CATTLE EMB		163	0	110			0	110		
1912570	ANIMAL PRODUCTS, NSPF		103	0	332	60	37	5	185		
1920600	SEAWEED AND CARRAGEENIN	LB	90	78	415	17	65	2	4		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		70	0	682	12	11	567	667		5
1921140	FOLIAGE, ORNAMENTAL PURPOSES		13	0	8,565	6,025	5,633	2,687	2,834		16
1923200	HOP EXTRACT AND LUPULIN	LB	39	288	2,309	2	22				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	168	121	102	118	94				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	52	4	1,245	2,145	1,245			2	775
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	96	1	371	685	371			0	98
4523400	LEMON OIL	LB	122	36	240	25	139			2	20
4524400	ORANGE OIL	LB	118	200	248	157	195	19	17	5	8
7482500	FLOWERS, CUT NATURAL, DRIED		178	0	87	90	75	7	12		8
7482900	OTHER DRIED PLANTS, N S P F		142	0	151	165	119	7	6		36
	TOTALS FOR NETHLDS				$441,238	5,212,703	$405,443	6,716	$17,278		$67,877

PHIL R   COUNTRY RANK 21

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK, EGG	NO	23	138	605			18	605	6	29
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	13	372	1,070			343	1,070		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	27	615	485			55	485		
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	174	3	2			3	2	3	2
1001000	CHICKENS, DUCKS, ETC NSPF	NO	171	1	2			1	2	1	2
1007100	HORSES FOR BREEDING	NO	143	0	6			7	6	0	6
1008300	SWINE, LIVE	NO	40	0	241			50	241		
1009640	LIVE ANIMALS, NSPF		127	0	9			1	9		
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	100	21	18	22	18			21	18
1055140	TURKEY PIECES, FRESH, ETC	LB	104	28	17	29	17			28	17
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	173	1	2	1	2			1	2
1058100	BIRD MEAT, CANNED	LB	159	2	4	2	4			2	4
1058300	BIRD MEAT, PREP, EX CANNED	LB	163	1	3	1	3				
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	33	91	280	91	280			41	137
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	34	59	280	60	280			59	280
1061080	VEAL, CRCSS, FRESH, CHILLED, ETC	LB	12*	2	10	2	10			2	10
1068200	BEEF TONGUES, FRESH, ETC	LB	175	1	2	1	2			1	2
1068400	BEEF LIVER, FRESH, ETC	LB	112	40	13	41	13			40	13
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	147	3	5	4	5			3	5
1070100	SAUSAGES, ETC, CANNED	LB	83	27	37	32	37			27	37
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	132	2	8			2	8	2	8
1074200	BEEF AND VEAL, CANNED	LB	90	22	24	30	24			22	24
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	80	79	39	114	39			79	39
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	84	30	34	39	34			18	28
1150100	MLK & CRM, FLUID, FRSH OR SOUR	GAL	59	62	119	282	119			62	119
1155020	NONFAT DRY MILK, DONATED	LB	3	43,217	11,680	46,228	11,680			9,123	2,623
1155040	NONFAT DRY MILK, NOT DONATED	LB	5	11,716	4,518	11,893	4,518			2,035	467
1155700	DRIED MILK AND CREAM, NSPF	LB	67	218	79	226	79			214	78
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	136	5	7	5	7			5	7
1178600	CHEESES, NSPF	LB	54	94	133	91	127	3	5	94	133
1180500	WHEY, DRIED	LB	14	2,799	1,056	2,179	921			1,247	258
1181200	INFNTS DIET SUPP, DRY MILK	LB	99	12	18	16	18				
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	180	2	2	2	2			2	2
1186000	MILK PRODUCTS, NSPF		11	0	1,237	993	1,237				8
1195100	SHELL EGGS FOR HATCHING	DOZ	29	207	415			338	415	40	52
1196520	EGG ALBUMEN(WHITES), DRIED	LB	82	16	38	16	32	1	5	16	38

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						000 LBS		000 LBS			
1196540	WHL EGGS, OR YLKS. N/SHLL, DRD	LB	68	30	76	31	78			22	61
1197020	EGG ALBUMEN(WHITES), EX DRIED	LB	97	8	21	8	21				
1201400	CATTLE HIDES, WHOLE	PC	52	3	150	201	150			1	16
1201765	BOVINE HIDES EXC WHOLE NSPF	LB	162	8	3			9	3		
1255200	FRUIT AND NUT PLANTS, ETC		166	0	3			1	3		3
1258100	LIVE PLANTS, NSPF		153	0	4			1	4		4
1265700	MILLET	LB	109	189	14	189	14				
1266100	ONION SEED	LB	57	16	126	16	92	8	34	16	126
1267100	PEPPER SEED	LB	158	1	4			1	4	1	4
1271510	CANTALOPE SEED	LB	128	2	8	3	8			2	8
1271515	CUCUMBER SEED	LB	167	0	2	0	2			0	2
1271530	LETTUCE SEED	LB	168	0	2	0	2			0	2
1271570	WATERMELON SEED	LB	63	20	93	32	93			20	93
1271580	VEGETABLE SEEDS, NSPF	LB	25	69	592	104	573	2	19	69	591
1271590	SEEDS, NSPF	LB	72	7	60	9	50	1	10	7	60
1303200	CORN OR MAIZE, DONATED	BU	169	1	2	43	2				
1303420	SWEET CORN SEED, NOT DONATED	LB	149	2	5	2	5			2	5
1303465	YELLOW CORN, NOT DONATED	BU	176	0	2	26	2			0	2
1304020	GRAIN SORGHUM SEED	LB	170	40	2	40	2				
1306520	WHEAT, UNMILLED, DONATED	BU	4	3,075	9,236	184,521	9,236				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	1	28,897	95,130	1,734,030	95,130				
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	150	31	5	31	5			31	5
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	130	54	8	55	8			54	8
1314030	WHEAT FLOUR, NSPF, DONATED	CWT	18	78	759	7,830	759			42	457
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	161	0	3	4	3			0	3
1314050	BULGUR WHEAT, DONATED	CWT	10	166	1,263	16,681	1,263			76	636
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	151	0	5	48	5			0	5
1321700	MALTS	LB	6	45,551	3,146	46,090	3,146			14	5
1322700	MALT EXTRACT	LB	165	8	3	9	3				
1324020	CORNSTARCH, INCLUDING MILO	LB	28	1,266	423	1,231	403			735	234
1324040	STARCHES, NSPF	LB	46	527	192	571	186	10	5	5	10
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	20	2,283	675	2,226	615	66	60	144	80
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	157	39	4	39	4				
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	37	975	260	975	260			975	260
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	45	587	198	621	198			364	141
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	73	225	60	230	60			225	60
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	145	77	5	79	5			77	5
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	107	10	15	11	15			10	15
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	51	140	151	150	151			138	149
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	93	80	23	81	23				
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	85	92	32	120	32			92	32
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	77	42	47	44	47			42	47
1407100	VEGETABLES REDUCED TO FLOUR	LB	38	303	256	336	256			303	256
1410320	DRY BEANS, CND, EXCL. PICKLED	LB	178	4	2	4	2			4	2
1410500	CORN, CANNED, EXCL. PICKLED	LB	30	1,041	390	1,226	390			793	288
1412260	TOMATO PASTE, CANNED	LB	121	14	11	16	11			14	11
1412280	TOMATOES, CANNED, NSPF	LB	172	4	2	4	2			4	2
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	75	79	49	99	49			12	7
1414200	VEGETABLE BABY FOOD, CANNED	LB	70	230	72	387	72			230	72
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	134	24	7	36	7			24	7
1417500	VEGETABLES, PREP, PRES, NSPF	LB	114	12	13	13	13			12	13
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	88	31	29	33	29			31	29
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	115	5	12	5	12			5	12
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	60	157	119	157	119			157	119
1457520	PISTACHIOS, PREP OR PRESRVD	LB	120	3	11	4	11			3	11
1457547	OTHER NUTS, PREP OR PRESERVED	LB	76	30	49	40	49			7	21
1459000	MIXTURES OF EDIBLE NUTS	LB	117	5	12	6	12			5	12
1487500	PEACHES & NECTARINES, FRESH	LB	47	372	188	372	188			372	188
1499000	FRUITS, FROZEN, NSPF	LB	155	17	4	24	4			12	2
1501200	APPLES, DRIED	LB	146	10	5	11	5			10	5
1504500	DATES, DRIED	LB	131	2	8	3	8			2	8
1506500	GRAPES (RAISINS), DRIED	LB	21	947	619	1,000	619			947	619
1508000	PRUNES, DRIED	LB	53	167	135	186	135			167	135
1508500	FRUITS, DRIED, NSPF	LB	92	30	24	36	24			30	24
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	113	60	13	80	13			60	13
1515000	OLIVES, CANNED	LB	119	11	11	17	11			11	11
1516000	PEACHES AND NECTARINES, PREP	LB	43	728	225	873	225			728	225
1517000	PEARS, PREPARED OR PRESERVED	LB	111	61	13	74	13			61	13
1518500	FRUIT NSPF, PREP, PRESERVED	LB	110	20	14	20	12	4	2	17	12
1519500	FRUIT MIXTURES, NSPF, PREP	LB	12	2,840	1,210	3,299	1,210			2,817	1,191
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	139	19	7	21	7			19	7
1525500	FRUIT BABY FOOD, CANNED	LB	81	82	38	95	38			82	38
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	144	10	6	11	6			10	6
1533000	JAMS, JELLIES MARMALADES ETC	LB	118	28	12	31	12			28	12
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	96	39	22	47	22			39	22
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	179	0	2	3	2			0	2
1557000	HONEY	LB	116	53	12	62	12			53	12
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	35	223	275	278	272	1	2	170	184
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	105	37	17	41	17			25	15
1616100	MUSTARD SEEDS	LB	135	17	7	17	7			17	7
1618100	RED PEPPER	LB	87	17	29	19	29			14	28
1621700	SPICE AND SPICE SEEDS, NSPF	LB	55	74	131	78	131			72	126
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	164	1	3	10	3				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	129	5	8	21	8			4	6
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	71	36	69	161	69			17	34
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	50	85	159	811	159			11	22
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	36	89	270	991	270			44	149
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	124	5	10	8	10			5	10
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	56	97	130	165	130			97	130
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	94	9	22	32	22				
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	160	3	3	7	3			3	3
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	142	6	6	11	6			1	3
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	62	50	96	79	65	23	31	50	96
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	89	24	25	76	25				

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TABLE 7 1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	95	30	22	77	22			8	7
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	152	1	5	13	5			1	3
1663040	VEGETABLE JUICES, NSPF	GAL	137	4	7	50	7				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	65	35	84	347	84			21	60
1673100	STILL WINE NT OV 14% ALCOHOL	WG	22	136	610	1,844	610			127	553
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	66	16	84	249	84			16	84
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	148	1	5	15	5			1	5
1683000	BRANDY	PFG	140	1	6	10	6			1	6
1756020	SAFFLOWER SEED	LB	138	38	7	38	7				
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	91	31	24	35	24			31	24
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	49	260	163	285	163			260	162
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	122	15	11	17	11			11	9
1775640	TALLOW, INEDIBLE	LB	9	8,091	1,294	8,091	1,294			1,102	188
1775900	WOOL GREASE	LB	156	4	4	4	4				
1777390	OTHER TALLOW, NSPF	LB	133	12	8	13	8			4	6
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	78	147	45	153	45			147	45
1786000	SALAD & COOKING OIL, MIXTURE	LB	126	11	9			11	9	11	9
1787020	BAKING FATS, MIX OF VEG OILS	LB	177	2	2	2	2			2	2
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	101	17	18	18	18			14	16
1821200	BALLS,ETC,VEG A/OR MT OR FSH	LB	123	6	10	8	10			6	10
1823120	OATMEAL,ETC,ROLLED,FLKD,ETC	LB	103	45	17	59	17			45	17
1824420	CATSUP AND CHILI SAUCE	LB	98	89	20	140	20			89	20
1825120	SOUPS,DRIED OR DEHYDRATED	LB	141	29	6	34	6			29	6
1825140	SOUPS, N S P F	LB	44	401	215	486	215			394	207
1829420	POTATO CHIPS AND STICKS	LB	16	503	833	621	833			465	766
1829740	MIXED SEASONINGS	LB	61	37	97	46	97			36	88
1829742	VEG FLOURS & GRITS, DEFATTED	LB	41	759	234	835	234			623	161
1829752	VEGETABLE PROTEIN ISOLATES	LB	26	502	582	512	582			418	521
1829754	VEG PRO CONCENTRATES, ETC	LB	19	989	716	1,027	716			289	257
1829760	EDIBLE PREP, NSPF, CANNED	LB	58	148	123	202	123			148	123
1829770	EDIBLE PREP, NSPF, FROZEN	LB	154	2	4	2	4			2	4
1829780	EDIBLE PREPARATIONS, NSPF	LB	7	1,438	1,985	1,549	1,979	0	7	1,219	1,166
1845600	MEAT MEAL & TANKAGE,INEDIBLE	STN	106	0	17	193	17			0	17
1848032	DOG & CAT FOOD, RETAIL SALE	LB	64	269	87	299	87			269	87
1848034	PET FOOD NSPF, RETAIL SALE	LB	32	563	283	598	283			497	232
1848035	POULTRY FEEDS, PREPARED	STN	86	0	31	80	31			0	31
1848045	LIVESTOCK FEED, PREP, NSPF	STN	17	1	766	1,889	766			1	311
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	24	3	600	5,174	600			1	230
1911520	BULL SEMEN (BOVINE)		74	0	51			0	51		51
1920600	SEAWEED AND CARRAGEENIN	LB	31	56	288	59	285	1	3	42	227
1921140	FOLIAGE,ORNAMENTAL PURPOSES		108	0	15			18	15		
1922520	HOP PELLETS	LB	69	79	76	87	76				
1922540	HOPS, OTHER	LB	48	59	168	62	168				
1923200	HOP EXTRACT AND LUPULIN	LB	8	172	1,940	174	1,940				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	102	13	17	14	17			13	17
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	15	7	897	3,627	897			5	555
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	2	137	34,350	74,749	34,350			124	30,773
3001550	COTTON OTH. 1-1/8 IN OR MORE	RBA	39	1	245	403	245			1	245
4523400	LEMON OIL	LB	79	2	42	1	40	1	3		
4524400	ORANGE OIL	LB	42	157	225	177	225			154	198
	TOTALS FOR PHIL R				$187,516	2,174,584	$184,245	980	$3,117		$49,291

S ARAB COUNTRY RANK 11

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK,EGG	NO	132	7	31			1	31		
1000230	CHICKENS, BREEDER STOCK,MEAT	NO	42	159	383			24	383		
1004180	CATTLE,DAIRY,BREEDING,FEMALE	NO	32	0	528			300	528	0	419
1009620	ANIMALS,LIVE NSPF FOR FOOD	NO	206	0	2			0	2		
1009640	LIVE ANIMALS, NSPF		90	0	89			24	89		
1054120	CHICKENS,YOUNG,WHOLE,FRESH	LB	108	38	59	40	59			5	3
1054140	CHICKENS,EX YOUNG, WHOLE	LB	118	75	43	78	43				
1054160	CHICKEN PIECES,FRESH, ETC	LB	6	4,570	3,167	4,731	3,167			31	27
1055120	TURKEYS,WHOLE,FRESH,ETC	LB	67	247	173	270	173			11	14
1055140	TURKEY PIECES,FRESH, ETC	LB	88	55	95	58	95			13	16
1056100	BIRD MEAT,NSPF,FRESH, ETC	LB	63	262	208	270	208			114	61
1057100	POULTRY LIVERS,FRESH, ETC	LB	208	5	2	5	2			5	2
1058100	BIRD MEAT, CANNED	LB	203	4	3	4	3				
1058300	BIRD MEAT,PREP,EX CANNED	LB	191	4	6	4	6				
1061025	BEEF,CRCSS,W/BONE,FRESH,ETC	LB	9	1,076	2,572	1,131	2,572				
1061060	BEEF,CRCSS,W/O BONE,FRESH	LB	23	211	916	223	910	1	7	98	208
1062500	LAMB,CRCSS,FRESH,CHILLED,ETC	LB	158	40	16	44	16				
1065200	MEAT,CRCSS,NSPF,FRESH,ETC	LB	97	50	73	54	73				
1068200	BEEF TONGUES, FRESH, ETC	LB	150	48	20	48	20			48	20
1068400	BEEF LIVER, FRESH, ETC	LB	125	124	37	130	37			21	12
1068600	BEEF OFFAL,NSPF,FRESH,ETC	LB	96	87	75	84	64	5	11	49	17
1069000	LAMB OFFAL,FRESH,CHILLED,ETC	LB	43	1,171	382	1,252	382				
1069600	MEAT OFFAL,NSPF,FRESH,ETC	LB	139	58	26	62	26				
1070100	SAUSAGES,ETC,CANNED	LB	75	124	133	148	133				
1070200	SAUSAGES,ETC, EXC CANNED	LB	49	200	301	211	301			146	204
1073820	BEEF,EX CRCSS,FRESH,ETC	LB	86	53	99	57	99				
1074200	BEEF AND VEAL, CANNED	LB	178	12	9	14	9				
1074600	BEEF & VEAL,EX SAUSAGE NSPF	LB	15	716	1,494	809	1,488	3	6	16	22
1076200	MEAT,NSPF EX CRCSS, FRESH	LB	157	6	16	7	16				
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	153	7	19	8	19				
1076600	MT & EDBL OFFL,PREP EX CANND	LB	78	489	129	494	129			475	105
1160100	BUTTER	LB	115	66	47	72	47				
1163000	MARGARINE,INCLDNG OLEO	LB	89	107	92	122	92				
1171700	CHEDDAR CHEESE	LB	56	161	242	181	242				
1178200	AMER TYPE CHEESE,EX CHEDDAR	LB	197	2	3	2	3				
1178600	CHEESES, NSPF	LB	192	2	5	2	5				

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1181200	INFNTS DIET SUPP.DRY MILK	LB	91	50	88	54	75	8	13		
1181700	DIET SUPP.NSPF.MLK BS.ETC	LB	36	270	426	345	412	14	13		
1182500	ICE CREAM	GAL	172	4	11	20	11				
1186000	MILK PRODUCTS, NSPF		194	0	5	4	5				
1195100	SHELL EGGS FOR HATCHING	DOZ	141	6	25			3	25	4	4
1197020	EGG ALBUMEN(WHITES) EX DRIED	LB	120	30	41			33	41		
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		150	0	20			4	20		20
1255200	FRUIT AND NUT PLANTS, ETC		148	0	21			8	21		
1258100	LIVE PLANTS, NSPF		37	0	421	298	318	8	103		321
1260120	ALFALFA SEED, UNCERTIFIED	LB	113	46	51	42	47	4	4	42	47
1260140	ALFALFA SEED, CERTIFIED	LB	16	1,166	1,370	1,194	1,370			1,012	1,152
1261700	SEED, CARROT	LB	103	11	66	13	66				
1264100	FLOWER SEED	LB	105	1	65	0	6	0	59	1	13
1266100	ONION SEED	LB	186	0	7	1	7				
1267100	PEPPER SEED	LB	147	1	22	2	22				
1267300	RADISH SEED	LB	204	1	3	1	3				
1271220	SUDAN GRASS SEED	LB	68	372	167	382	167			355	122
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	25	2,217	881	2,220	866	2	15	2,160	798
1271510	CANTALOPE SEED	LB	135	7	30	3	11	7	19		
1271515	CUCUMBER SEED	LB	185	1	7	1	6	0	2		
1271530	LETTUCE SEED	LB	155	1	18	1	6	1	12		
1271545	SQUASH SEED	LB	136	3	28	5	28			2	13
1271560	TOMATO SEED	LB	94	7	81	3	31	7	50	5	55
1271570	WATERMELON SEED	LB	47	57	312	89	312				
1271580	VEGETABLE SEEDS, NSPF	LB	12	391	1,789	495	1,619	25	170	346	1,578
1271590	SEEDS, NSPF	LB	21	2,878	1,007	2,754	835	27	153	323	705
1301040	BARLEY, OTHER THAN MALTING	BU	1	108,027	202,409	5,185,596	202,409			55	502
1301700	BUCKWHEAT AND CANARY SEED	LB	62	953	217	956	217			551	112
1303420	SWEET CORN SEED, NOT DONATED	LB	152	11	20	12	20			5	5
1303440	CORN SEED.EXC SWT.NT DONATED	LB	116	78	46	81	46				
1303465	YELLOW CORN, NOT DONATED	BU	4	12,705	26,452	711,458	26,452				
1304020	GRAIN SORGHUM SEED	LB	17	7,817	1,259	7,839	1,259			7,811	1,256
1304500	OATS	BU	130	5	34	176	34				
1306000	RYE	BU	173	4	10	232	10			4	10
1306542	WHEAT, UNMILLED, NOT DONATED	BU	3	4,217	33,907	253,073	33,907			3,109	26,875
1312600	OATS.MILLED EX BRKFST CEREAL	LB	180	73	9	83	9				
1313015	LG GR PRBL HD RICE.NT RELIEF	LB	2	437,726	69,917	445,864	69,917				
1313030	HD RICE,LG GRN,X PRBL.NT DON	LB	19	6,027	1,107	6,099	1,107				
1313040	HD RICE,MD GRN,X PRBL.NT DON	LB	119	374	42	378	42			374	42
1313050	HD RICE,SH GRN,X PRBL.NT DON	LB	199	42	3	42	3			42	3
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	190	0	6	39	6				
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	149	3	21	295	21				
1324020	CORNSTARCH, INCLUDING MILO	LB	189	5	6	5	6				
1324040	STARCHES, NSPF	LB	140	38	25	51	25				
1352100	BEANS, FRESH OR CHILLED	LB	100	323	68	327	68				
1353100	CAULIFLOWER,FRESH OR CHILLED	LB	174	17	10			19	10	17	10
1353300	CELERY, FRESH OR CHILLED	LB	200	23	3			24	3	23	3
1354000	GARLIC, FRESH OR CHILLED	LB	87	129	97	132	97			129	97
1354300	LETTUCE, FRESH OR CHILLED	LB	166	69	13			75	13	69	13
1354500	ONIONS,FRSH OR CHLLD,EX SETS	LB	209	16	2	16	2				
1354940	POTATOES, WHITE, FR EX SEED	LB	156	68	17	73	17				
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	161	17	15			20	15	17	15
1382000	CORN, SWEET, FROZEN	LB	109	180	56	189	56			52	13
1383000	PEAS, FROZEN	LB	210	2	2	3	2			2	2
1387000	VEGETABLES, NSPF, FROZEN	LB	50	320	297	340	297			14	12
1400300	GR NRTN BNS,X SEEDS.DRD.ETC	LB	133	89	31	89	31			50	18
1401200	RD KDNY BNS,EX SEEDS DRD ETC	LB	112	186	53	188	53			10	4
1401800	BEANS,NSPF,EX SEEDS.DRD.ETC	LB	134	117	30	118	30			117	30
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	66	581	184	593	184			581	184
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	114	195	49	198	49			195	49
1403100	BEANS, SEED	LB	79	172	124	183	124			76	56
1403300	PEAS, SEED	LB	179	27	9	28	9				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	163	38	14	40	14				
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	123	143	39	151	39				
1405640	POTATO GRANULES DRY EX FLOUR	LB	188	19	7	20	7				
1405660	POTATOES.NSPF,DRD,ETC,X FLR	LB	74	184	134	249	134			61	61
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	162	14	14	16	14				
1407100	VEGETABLES REDUCED TO FLOUR	LB	93	73	85	84	85			63	79
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	154	30	19	37	19			23	13
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	39	1,372	408	1,693	408			1,372	408
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	28	3,058	761	3,644	761				
1410500	CORN, CANNED, EXCL. PICKLED	LB	61	845	220	1,024	220				
1411100	PEAS.EXC COW & CHICKPEAS.CND	LB	84	415	108	505	108				
1412220	TOMATO PULP (PUREE), CANNED	LB	168	36	12	44	12			36	12
1412240	TMTO SC, EX CTSP & CHILI SC	LB	82	284	110	326	110			49	20
1412260	TOMATO PASTE, CANNED	LB	146	59	22	72	22			59	22
1412290	TOMATOES, CANNED, NSPF	LB	122	135	39	162	39			135	39
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	41	1,299	386	1,626	386			111	45
1414200	VEGETABLE BABY FOOD, CANNED	LB	101	185	68	275	68				
1415200	CUCUMBERS,PICKLED,W/NOT.CND	LB	181	30	8	36	8				
1415700	VEGETABLES,EX CUCUMBERS,PKLD	LB	137	59	27	63	27				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	53	388	270	452	270			83	49
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	44	324	375	331	375			126	127
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	106	63	60	63	60			58	55
1453540	NUTS,NSPF,NT SHLD OR ROASTED	LB	176	13	10	13	10				
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	10	1,289	2,437	1,360	2,437			1,254	2,385
1454900	PECANS,SHELLED,NOT BLANCHED	LB	171	2	12	3	12			2	12
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	102	26	67	28	67			26	67
1455740	NUTS,NSPF,SHLLD,NOT BLANCHED	LB	69	115	162	112	160	8	2	20	37
1456100	ALMONDS, PREPARED, PRESERVED	LB	13	967	1,775	1,075	1,775			967	1,775
1457545	CASHEWS, PREP OR PRESERVED	LB	143	7	24	8	24				
1457547	OTHER NUTS,PREP OR PRESERVED	LB	22	518	960	534	955	2	6	487	862
1459000	MIXTURES OF EDIBLE NUTS	LB	111	38	54	45	54			12	13
1461000	APPLES, FRESH	LB	5	26,609	4,518	27,934	4,513	8	5	7	5

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						.000 LBS		.000 LBS			
1463500	AVOCADOS, FRESH	LB	193	8	5			9	5	8	5
1465500	STRAWBERRIES, FRESH	LB	128	32	34			34	34	32	34
1468520	CHERRIES, SWEET, FRESH	LB	195	6	4	4	2	2	2	2	2
1473500	CITRUS FRUITS, FRESH, NSPF	LB	33	1,591	521			1,710	521	1,586	514
1476500	GRAPES, FRESH	LB	48	604	310	656	301	8	9	201	108
1487500	PEACHES & NECTARINES, FRESH	LB	177	39	10			43	10	39	10
1488500	PEARS, FRESH	LB	29	3,855	748	4,151	748				
1493050	KIWIFRUIT, FRESH	LB	167	13	12			14	12	13	12
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	55	175	253			187	253	166	243
1497000	STRAWBERRIES, FROZEN	LB	184	10	7	11	7				
1506500	GRAPES (RAISINS), DRIED	LB	18	1,546	1,118	1,669	1,118			1,546	1,118
1508000	PRUNES, DRIED	LB	52	433	283	469	283			433	283
1510500	FRUIT IN BRINE, NSPF	LB	80	187	119	220	119				
1511000	APRICOTS, PREP OR PRESERVED	LB	92	152	85	178	85			80	47
1512000	MARASCHINO CHERRIES, PREP	LB	117	49	44	59	44			4	4
1512520	CHERRIES, SWEET, NSPF, PREP	LB	104	96	66	145	66				
1513000	BERRIES, PREPARED OR PRES	LB	175	50	10	60	10			2	2
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	144	51	23	54	23			10	4
1515000	OLIVES, CANNED	LB	145	21	23	31	23			21	23
1516000	PEACHES AND NECTARINES, PREP	LB	64	610	202	727	202			282	82
1517000	PEARS, PREPARED OR PRESERVED	LB	98	162	72	195	72			74	33
1518500	FRUIT NSPF, PREP, PRESERVED	LB	95	139	81	169	81				
1519500	FRUIT MIXTURES, NSPF, PREP	LB	24	1,968	883	2,403	883			643	318
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	81	296	116	356	116			296	116
1525500	FRUIT BABY FOOD, CANNED	LB	71	495	154	909	154			75	21
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	83	329	108	358	108				
1533000	JAMS, JELLIES MARMALADES ETC	LB	40	607	387	673	387			84	56
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	124	38	38	44	38				
1552045	RAW SUGAR, BEET OR CANE	STN	165	0	13	36	13				
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	182	16	8	17	8				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	196	5	4	41	4				
1557000	HONEY	LB	14	2,084	1,592	2,697	1,592			38	33
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	138	28	27	33	27			7	7
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	107	170	60	235	60				
1618100	RED PEPPER	LB	183	11	8	12	8				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	38	153	414	238	414				
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	46	193	315	2,080	315				
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	27	475	775	4,244	775				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	131	10	32	114	32				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	121	38	40	380	40				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	30	287	643	2,959	643			28	51
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	129	31	34	105	34			28	27
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	54	114	262	351	262			41	42
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	72	118	149	218	149			118	149
1654120	LEMON JUICE, CONC, FRZN	SSG	60	108	223	225	223			108	223
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	164	5	13	39	13				
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	187	20	7	41	7			20	7
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	99	32	70	63	70				
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	34	358	448	944	448				
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	207	1	2			1	2	1	2
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	70	135	160	326	139	12	21	8	21
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	59	104	223	790	223			82	175
1663040	VEGETABLE JUICES, NSPF	GAL	126	2	35	2	35				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	85	26	102	302	102				
1751500	COTTONSEED	LB	57	1,565	239	1,565	239				
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	8	17,448	2,811	17,768	2,811			17,310	2,764
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	45	474	345	539	345				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	202	2	3	2	3				
1787020	BAKING FATS, MIX OF VEG OILS	LB	20	2,150	1,085	2,367	1,085				
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	58	817	237	853	237			80	34
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	73	209	145	231	145				
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	127	30	35	38	35				
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	201	8	3	10	3				
1824420	CATSUP AND CHILI SAUCE	LB	31	1,378	602	2,219	602			72	30
1825140	SOUPS, N S P F	LB	160	36	15	48	15				
1825600	VINEGAR	GAL	77	105	131	930	131				
1829420	POTATO CHIPS AND STICKS	LB	11	1,588	2,188	2,335	2,188			38	59
1829740	MIXED SEASONINGS	LB	142	16	24	84	24				
1829754	VEG PRO CONCENTRATES, ETC	LB	170	20	12	20	9	1	2		
1829760	EDIBLE PREP, NSPF, CANNED	LB	76	197	132	238	132				
1829770	EDIBLE PREP, NSPF, FROZEN	LB	35	339	431	347	431				
1829780	EDIBLE PREPARATIONS, NSPF	LB	7	4,293	2,885	6,558	2,876	8	9	166	74
1848005	ALFALFA HAY CUBES	STN	205	0	2	27	2				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	110	123	56	134	56			33	18
1848034	PET FOOD NSPF, RETAIL SALE	LB	159	74	15	81	15				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	65	0	199	218	199				
1911520	BULL SEMEN (BOVINE)		26	0	820			3	820		
1912570	ANIMAL PRODUCTS, NSPF		198	0	3	1	3				
1921120	CUT FLOWERS, FRSH SPRAYS ETC		169	0	12			4	12		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	51	657	283	2,012	283			88	118
	TOTALS FOR S ARAB				$392,302	6,743,985	$388,739	2,703	$3,543		$48,225
	SO KOR COUNTRY RANK 2										
1000210	CHICKENS, BREEDER STOCK, EGG	NO	31	151	558			11	558	20	25
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	20	109	1,002			35	1,002		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	94	51	95			3	95		
1004120	CATTLE, BEEF, BREEDING, MALE	NO	86	0	120			21	120		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	54	0	297			21	297		
1007100	HORSES FOR BREEDING	NO	61	0	238			94	238	0	238

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	52	0	346	2	4	82	343	0	4
1008300	SWINE, LIVE	NO	30	1	620			108	620		
1009620	ANIMALS, LIVE, NSPF FOR FOOD	NO	167	1	15			6	15	1	15
1009640	LIVE ANIMALS, NSPF		42	0	437			29	437		24
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	199	8	7	5	4	4	3	4	3
1054160	CHICKEN PIECES, FRESH, ETC	LB	211	9	5	9	5				
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	109	58	64	55	62	3	2	56	63
1055140	TURKEY PIECES, FRESH, ETC	LB	175	18	12	1	2	18	11	17	11
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	140	27	29	25	27	3	2	26	27
1058300	BIRD MEAT, PREP, EX CANNED	LB	202	3	7	3	7				
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	41	143	458	12	36	157	422	131	422
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	22	297	934			327	934	297	934
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	126	10	39	10	39			9	37
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	97	63	87	63	81	2	6	59	81
1068200	BEEF TONGUES, FRESH, ETC	LB	162	40	17	41	17			40	17
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	191	32	8			33	8	32	8
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	119	24	47	15	40	9	7	24	47
1070200	SAUSAGES, ETC, EXC CANNED	LB	182	7	11			8	11	4	7
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	121	15	45	11	25	6	21	5	21
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	103	38	76	1	4	39	71	36	71
1074200	BEEF AND VEAL, CANNED	LB	138	22	29	19	23	5	6	10	12
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	85	40	120			45	120	40	120
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	222	1	3	1	3				
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	74	126	158	140	158			126	158
1076600	MT & EDBL OFFL, PREP EX CANND	LB	96	53	93	38	78	18	15	53	93
1155040	NONFAT DRY MILK, NOT DONATED	LB	155	20	19	25	19			20	19
1160100	BUTTER	LB	102	94	78			99	78	94	78
1171700	CHEDDAR CHEESE	LB	196	4	8			5	8	4	8
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	64	146	221	150	209	9	11	81	124
1178600	CHEESES, NSPF	LB	72	81	169	55	103	40	66	81	169
1180500	WHEY, DRIED	LB	77	819	146	869	146			700	122
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	172	5	13			6	13		
1186000	MILK PRODUCTS, NSPF		161	0	18	12	18				18
1196520	EGG ALBUMEN(WHITES), DRIED	LB	111	23	59	25	59				
1197020	EGG ALBUMEN(WHITES), EX DRIED	LB	43	749	431	797	431			285	177
1197040	WHL EGG OR YLK, N/SHLL, EX DRD	LB	180	14	11	15	11				
1201400	CATTLE HIDES, WHOLE	PC	1	10,141	577,469	584,105	571,193	452	494	5,173	299,415
1201720	WHOLE CALF SKINS	PC	70	18	181	126	170	8	11	17	170
1201740	WHOLE KIP SKINS	PC	35	34	537	370	537			16	268
1201755	CATTLE HIDE CROUPONS ETC	PC	38	11	477	170	477			6	274
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	19	2,819	1,078	2,956	1,078			2,503	857
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	9	1,246	4,604	2,581	4,414	20	190	1,214	4,288
1202044	EQUINE HIDES	LB	127	188	39	211	39				
1202047	GOAT AND KID SKINS	PC	160	1	18			1	18	1	18
1202092	PIG AND HOG SKINS	NO	23	311	915	1,903	817			50	188
1202095	OTHER HIDES AND SKINS, NSPF	NO	28	0	678	698	531	11	147		244
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	13	260	2,985	1,672	2,966	1	19	200	2,511
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		168	0	15	29	15				15
1258100	LIVE PLANTS, NSPF		143	0	27	212	27				
1260140	ALFALFA SEED, CERTIFIED	LB	188	7	10	4	6	3	4		
1260300	SUGAR BEET SEED	LB	218	2	4			2	4	2	4
1263120	LADINO CLOVER SEED	LB	147	13	25	13	25				
1264100	FLOWER SEED	LB	63	3	229			4	229	1	110
1265700	MILLET	LB	223	41	3	41	3			4	3
1268700	TREE AND SHRUB SEEDS	LB	130	2	34			2	34		
1271220	SUDAN GRASS SEED	LB	17	1,645	1,133	1,652	1,133			1,307	915
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	56	621	285	625	276	3	9	428	87
1271590	SEEDS, NSPF	LB	192	2	8	2	8			2	8
1303440	CORN SEED, EXC SWT, NT DONATED	LB	32	390	550	397	550			194	336
1303465	YELLOW CORN, NOT DONATED	BU	2	177,905	355,924	9,972,388	355,924				
1303475	CORN, NSPF, NOT DONATED	BU	184	3	10	141	10			3	10
1304020	GRAIN SORGHUM SEED	LB	53	455	316	468	316			455	316
1304500	OATS	BU	92	28	107	916	107				
1306000	RYE	BU	71	39	181	2,211	181				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	4	69,965	213,349	4,197,836	213,349				
1312600	OATS, MILLED EX BRKFST CEREAL	LB	125	334	40	334	40				
1313010	RICE, DONATED FOR RELIEF	LB	139	224	29	23	3	201	27	224	29
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	134	150	30	152	30			150	30
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	194	44	8	44	8			44	8
1313060	HD RICE, MX GRN, X PRBL, NT DON	LB	200	42	7	42	7			42	7
1313080	RICE, MILLED, NSPF, NT DONATED	LB	148	848	24	848	24				
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	171	1	13	103	13				
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	124	6	41	592	41				
1322700	MALT EXTRACT	LB	183	63	11	70	11				
1324020	CORNSTARCH, INCLUDING MILO	LB	33	995	548	1,019	548			205	96
1324040	STARCHES, NSPF	LB	78	348	140	417	140				
1351800	ASPARAGUS, FRESH OR CHILLED	LB	214	2	5	2	5			2	5
1352300	BROCCOLI, FRESH OR CHILLED	LB	133	50	30			60	30	50	30
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	106	126	71	131	71			104	67
1383000	PEAS, FROZEN	LB	176	41	12	42	12				
1387000	VEGETABLES, NSPF, FROZEN	LB	100	97	83	95	75	14	8	56	49
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	114	224	56			226	56	224	56
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	166	55	16	55	16			55	16
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	123	132	42			133	42		
1403300	PEAS, SEED	LB	67	290	196	293	196				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	225	3	2			3	2	3	2
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	216	2	5	2	5			2	5
1407100	VEGETABLES REDUCED TO FLOUR	LB	73	179	162			188	162		
1410100	ASPARAGUS, CND, EXCL. PICKLED	LB	174	43	13	40	5	13	7	43	13
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	68	511	185	574	185			446	162
1410500	CORN, CANNED, EXCL. PICKLED	LB	115	180	55	209	55			76	25
1412220	TOMATO PULP (PUREE), CANNED	LB	193	32	8	32	8			32	8
1412240	TMTO SC, EX CTSP & CHILI SC	LB	201	23	7	13	3	14	4	23	7
1412260	TOMATO PASTE, CANNED	LB	45	954	407	1,104	407			954	407

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QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1412280	TOMATOES, CANNED, NSPF	LB	198	30	7	36	7			30	7
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	205	4	6	4	6			4	6
1414200	VEGETABLE BABY FOOD, CANNED	LB	170	35	14	57	14			8	2
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	51	944	356	1,103	356			276	151
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	169	31	14			35	14	31	14
1441000	MUSHROOMS, FRESH	LB	207	0	6			0	6	0	6
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	185	11	10	8	6	5	4	11	10
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	208	5	5			5	5	5	5
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	215	2	5	0	2	1	3		
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	12	1,459	3,204	1,536	3,204			1,459	3,204
1454900	PECANS, SHELLED, NOT BLANCHED	LB	153	6	21	7	21			6	21
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	204	5	6	1	2	4	4	1	2
1456100	ALMONDS, PREPARED, PRESERVED	LB	46	171	389	168	368	13	20	168	380
1457542	MACADAMIA, PREP OR PRESERVED	LB	108	12	65	4	24	10	40	1	4
1457545	CASHEWS, PREP OR PRESERVED	LB	209	1	5	1	5			1	5
1457547	OTHER NUTS, PREP OR PRESERVED	LB	190	5	8	8	8			5	8
1459000	MIXTURES OF EDIBLE NUTS	LB	131	14	32	15	32			14	32
1466500	BERRIES, FRESH, NSPF	LB	149	35	22	39	22			35	22
1468520	CHERRIES, SWEET, FRESH	LB	113	49	57			12	18		
1471500	GRAPEFRUIT, FRESH	LB	40	1,914	469	2,005	467	9	2	1,163	291
1471900	LEMONS, FRESH	LB	21	3,202	957	3,363	957			3,202	957
1473140	ORANGES, FRESH, NSPF	LB	81	392	135	196	59	208	76	392	135
1476500	GRAPES, FRESH	LB	150	62	22			68	22	62	22
1482700	MELONS, FRESH, NSPF	LB	177	33	12	35	12			33	12
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	224	2	2	3	2			2	2
1497500	BERRIES, FROZEN, NSPF	LB	189	19	9			21	9	19	9
1499000	FRUITS, FROZEN, NSPF	LB	195	22	8	26	8				
1501200	APPLES, DRIED	LB	187	18	10			19	10	18	10
1506500	GRAPES (RAISINS), DRIED	LB	11	5,933	3,856	7,628	3,856			5,933	3,856
1510500	FRUIT IN BRINE, NSPF	LB	135	38	30	42	30			38	30
1512000	MARASCHINO CHERRIES, PREP	LB	48	490	384	567	384			136	84
1513000	BERRIES, PREPARED OR PRES	LB	210	23	5	3	2	24	4	3	2
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	129	84	36	93	36			27	15
1515000	OLIVES, CANNED	LB	142	29	27	34	27			29	27
1515500	OLIVES, PREP OR PRES, NSPF	LB	206	9	6			11	6	9	6
1516000	PEACHES AND NECTARINES, PREP	LB	157	40	19	38	14	14	5	40	19
1517000	PEARS, PREPARED OR PRESERVED	LB	219	9	4			10	4	9	4
1518500	FRUIT NSPF, PREP, PRESERVED	LB	144	39	26	48	26				
1519500	FRUIT MIXTURES, NSPF, PREP	LB	57	676	267	792	250	21	17	647	244
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	211	2	5			2	5	2	5
1525500	FRUIT BABY FOOD, CANNED	LB	29	1,094	622	1,246	622			257	124
1533000	JAMS, JELLIES MARMALADES ETC	LB	88	161	110	184	110			106	69
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	112	20	58	3	2	19	56	8	9
1557000	HONEY	LB	87	157	110	178	110			111	93
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	156	17	19	18	13	3	6	15	13
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	117	101	53	118	53			101	53
1618100	RED PEPPER	LB	122	2	44			3	44		
1621700	SPICE AND SPICE SEEDS, NSPF	LB	49	200	379	89	100	185	279	59	140
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	164	5	17	53	17			5	17
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	159	11	18	115	18			11	18
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	141	14	28	86	22	22	5	0	2
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	69	65	182	485	134	217	47	39	112
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	217	2	5	4	5			2	5
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	91	41	108	108	108			41	108
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	104	33	75	84	75			33	75
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	47	194	387	366	364	59	23	194	387
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	105	41	71	133	71			41	71
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	220	1	4	3	4			1	4
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	197	5	8	10	8			5	8
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	152	9	21	17	21			9	21
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	59	177	244	391	244			177	244
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	116	23	54	45	54			23	54
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	213	2	5			23	5		
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	101	47	80	472	80			47	80
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	110	31	64	458	64			9	10
1673100	STILL WINE NT OV 14% ALCOHOL	WG	58	37	264	429	262	2	2	37	262
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	84	42	124	119	95	50	29	42	124
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	158	30	19	30	19			30	19
1761820	COTTONSEED OIL, CRUDE	LB	93	444	100	447	100			444	100
1761840	COTTONSEED OIL, ONCE-REFINED	LB	16	5,673	1,214	5,674	1,214			5,673	1,214
1761880	COTTONSEED SALAD OIL NT/RELF	LB	15	9,766	2,432	9,933	2,432			9,766	2,432
1769180	JOJOBA OIL, UNMIXED	LB	151	3	21	3	21			3	21
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	83	1,035	126	1,171	126			1,035	126
1775640	TALLOW, INEDIBLE	LB	5	167,188	23,941	167,388	23,941			97,216	13,766
1775900	WOOL GREASE	LB	80	62	138	47	118	20	20	35	103
1777360	CHOICE WHITE GREASE	LB	62	1,543	230	1,543	230				
1777385	YELLOW GREASE	LB	14	21,508	2,823	21,942	2,823			12,279	1,607
1783540	COTTONSEED OIL, HYDROGENATED	LB	36	1,374	501	1,503	501			1,374	501
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	99	120	86	135	84	0	2	3	6
1786000	SALAD & COOKING OIL, MIXTURE	LB	136	88	30	96	30			88	30
1787020	BAKING FATS, MIX OF VEG OILS	LB	24	1,451	879	1,541	879				
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	132	47	32	51	32			7	5
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	118	79	48	84	48				
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	179	33	11	36	11				
1824420	CATSUP AND CHILI SAUCE	LB	154	67	20	98	20			67	20
1825120	SOUPS, DRIED OR DEHYDRATED	LB	65	317	209	376	209			317	209
1825140	SOUPS, N S P F	LB	50	445	373	623	373			259	207
1829420	POTATO CHIPS AND STICKS	LB	181	10	11	12	11				
1829740	MIXED SEASONINGS	LB	37	194	491	570	422	19	69	55	79
1829742	VEG FLOURS & GRITS, DEFATTED	LB	98	155	86	171	86				
1829752	VEGETABLE PROTEIN ISOLATES	LB	10	4,991	4,182	5,133	4,182			2,792	2,208
1829754	VEG PRO CONCENTRATES, ETC	LB	55	455	291	469	291			22	32
1829760	EDIBLE PREP, NSPF, CANNED	LB	75	125	151	228	151			44	48
1829770	EDIBLE PREP, NSPF, FROZEN	LB	82	96	129	97	129			96	129

-- SO KOR CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1829780	EDIBLE PREPARATIONS, NSPF	LB	26	757	808	927	733	6	75	455	375
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	95	1	94	1,660	94			1	94
1842000	BEET PULP, DRIED	STN	76	1	148	2,017	148			0	34
1843600	HAY AND STRAW	STN	173	0	13	207	13			0	13
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	145	0	26	462	26			0	26
1848005	ALFALFA HAY CUBES	STN	34	6	545	12,180	545			0	20
1848015	ALFALFA MEAL, DEHYDRATED	STN	44	3	429	6,998	429				
1848025	FEATHER MEAL	STN	60	1	243	2,371	243			0	25
1848032	DOG & CAT FOOD, RETAIL SALE	LB	163	38	17	38	17				
1848034	PET FOOD NSPF, RETAIL SALE	LB	66	258	198	266	198			189	164
1848035	POULTRY FEEDS, PREPARED	STN	146	0	26	42	26				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	25	1	838	1,870	835	1	2	0	224
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	18	4	1,083	8,935	1,081	1	2	2	386
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	7	1,618	15,409	1,651	15,257	14	152	1,224	12,496
1865700	HAIR AND BRISTLES, NSPF	LB	165	5	17	5	17				
1911520	BULL SEMEN (BOVINE)		39	0	476			4	476		255
1912540	HOOVES, ANTLERS, NAILS, CLAWS		27	0	778	408	429	63	349		377
1912550	ANIMAL PRODUCTS, CATTLE EMB		107	0	68			3	68		
1912570	ANIMAL PRODUCTS, NSPF		90	0	108	11	43	3	66		77
1921120	CUT FLOWERS, FRSH SPRAYS ETC		186	0	10			3	10		8
1921140	FOLIAGE, ORNAMENTAL PURPOSES		89	0	109	249	101	3	9		101
1922520	HOP PELLETS	LB	203	4	7			4	7		
1922540	HOPS, OTHER	L3	120	27	46	27	38	3	7	8	24
1923200	HOP EXTRACT AND LUPULIN	LB	79	11	139	13	139				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	128	62	37	51	15	23	22	42	8
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	8	32	6,457	16 763	6,456	0	2	28	5,570
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	3	1,042	282,756	539,966	282,756			945	257,140
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	6	74	22,878	38,357	22,878			71	22,280
4523400	LEMON OIL	LB	178	3	12	3	10	0	2	2	7
4524400	ORANGE OIL	LB	137	9	29	11	29			5	14
7482500	FLOWERS, CUT NATURAL, DRIED		221	0	3			1	3		2
	TOTALS FOR SO KOR				$1,556,644	15,658,334	$1,541,574	3,854	$9,149		$648,309

SPAIN COUNTRY RANK 20

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK, EGG	NO	49	93	244			12	244		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	17	171	2,324			24	2,324		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	23	1	1,291	1,310	1,291				
1007100	HORSES FOR BREEDING	NO	88	0	53			6	53	0	8
1007200	HORSES, NSPF, MULES, LIVE, ETC.	NO	110	0	20			3	20	0	20
1009640	LIVE ANIMALS, NSPF		59	0	155			10	155		
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	102	40	27	40	27				
1054140	CHICKENS, EX YOUNG, WHOLE	LB	56	340	174	352	174				
1054160	CHICKEN PIECES, FRESH, ETC	LB	9	11,177	4,901	11,284	4,901				
1055140	TURKEY PIECES, FRESH, ETC	LB	120	39	15	40	15				
1057100	POULTRY LIVERS, FRESH, ETC	LB	98	87	36	88	36				
1058300	BIRD MEAT, PREP, EX CANNED	LB	76	176	74	186	74				
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	67	47	131	48	131				
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	125	2	13			2	13		
1068400	BEEF LIVER, FRESH, ETC	LB	26	3,421	993	3,557	993				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	24	2,183	1,219	2,235	1,219				
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	119	3	16			3	16		
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	58	99	161	142	161				
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	146	1	2			1	2		
1076600	MT & EDBL OFFL, PREP EX CANND	LB	140	1	3			1	3		
1178600	CHEESES, NSPF	LB	126	9	12	5	6	5	6		
1181200	INFNTS DIET SUPP, DRY MILK	LB	91	20	42	8	25	6	6		
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	77	57	74	70	67	2	2		
1186000	MILK PRODUCTS, NSPF		138	0	3			2	3		
1195100	SHELL EGGS FOR HATCHING	DOZ·	34	85	549			161	549		
1195300	EGGS IN THE SHELL, NSPF	DOZ	116	22	18			1	18		
1201400	CATTLE HIDES, WHOLE	PC	5	144	6,895	7,042	5,794				
1201720	WHOLE CALF SKINS	PC	78	5	74	36	74				
1201740	WHOLE KIP SKINS	PC	74	3	78	80	78				
1201755	CATTLE HIDE CROUPONS ETC	PC	32	56	642	916	540				
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	15	8,838	2,637	62	29	0	4		
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	22	135	1,347	914	1,347			78	859
1202047	GOAT AND KID SKINS	PC	94	6	40	11	40				
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	18	207	2,092	1,431	2,092			44	537
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		53	0	207	50	133	19	74		74
1255200	FRUIT AND NUT PLANTS, ETC		37	0	519	171	247	156	272		372
1256500	ROSE PLANTS		108	0	21			21	21		21
1258100	LIVE PLANTS, NSPF		42	0	397	121	230	71	167		231
1261700	SEED, CARROT	LB	136	1	5	1	5			1	5
1263120	LADINO CLOVER SEED	LB	66	83	140	84	140			83	140
1264100	FLOWER SEED	LB	115	0	18			0	18		
1265700	MILLET	LB	89	669	44						
1266100	ONION SEED	LB	92	3	40	2	17	1	23	2	29
1268100	SPINACH SEED	LB	106	14	22	15	22			14	22
1268700	TREE AND SHRUB SEEDS	LB	129	1	10			1	10	1	8
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	50	206	230	207	230			146	180
1271510	CANTALOPE SEED	LB	100	4	29	5	27	1	2	4	29
1271515	CUCUMBER SEED	LB	130	1	10	1	10			1	10
1271530	LETTUCE SEED	LB	65	18	145	10	71	12	74	13	117
1271545	SQUASH SEED	LB	72	19	111	19	100	3	11	18	108
1271560	TOMATO SEED	LB	105	2	24	3	17	0	7	2	24
1271570	WATERMELON SEED	LB	79	19	72	22	68	0	4	15	47
1271580	VEGETABLE SEEDS, NSPF	LB	28	146	822	93	438	83	384	137	771
1271590	SEEDS, NSPF	LB	45	217	360	207	169	21	191	204	268
1303200	CORN OR MAIZE, DONATED	BU	35	265	523	14,841	523				

-- SPAIN CONTINUED ON NEXT PAGE --

TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1303420	SWEET CORN SEED, NOT DONATED	LB	68	95	127	17	33	78	94	2	5
1303440	CORN SEED, EXC SWT, NT DONATED	LB	11	4,518	3,932	3,790	3,384	101	122		
1303465	YELLOW CORN, NOT DONATED	BU	1	24,233	47,260	1,357,047	47,260				
1304020	GRAIN SORGHUM SEED	LB	71	478	112	488	112			44	11
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	139	1	3	68	3				
1305000	RICE, PADDY OR ROUGH	LB	7	126,182	6,299	126,182	6,299			46,288	2,438
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	6	75,225	6,711	75,225	6,711				
1305540	RICE, HUSKED, BROWN, MED GRAIN	LB	131	38	9	39	9			38	9
1306540	WHEAT, UNMILLED, NOT DONATED	BU	132	1	9	36	9				
1313015	LG OR PRBL HD RICE, NT RELIEF	LB	43	1,735	382	1,843	382			1,182	213
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	128	59	11	60	11			59	11
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	75	1,673	77	1,673	77				
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	103	133	27	134	27				
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	30	14,174	683	14,175	683				
1324020	CORNSTARCH, INCLUDING MILO	LB	70	892	123	903	123				
1352900	CARROTS, FRESH OR CHILLED	LB	133	34	8	35	8				
1382000	CORN, SWEET, FROZEN	LB	101	117	28						
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	81	275	61	196	46				
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	29	3,368	727						
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	64	696	145						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	127	80	11						
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	82	738	59	118	30			39	12
1402920	BLACKEYE COW PEAS X SEED DRY	LB	44	1,525	380	1,534	380			1,525	380
1403100	BEANS, SEED	LB	27	1,309	981	1,316	981			22	18
1403300	PEAS, SEED	LB	39	1,591	459	1,642	457	6	2	36	14
1403500	LENTILS, DRIED, ETC	LB	10	21,204	4,051	21,331	4,051			78	19
1405100	GARLIC, DRIED, ETC., EXC FLOUR	LB	97	72	36						
1405300	ONIONS, DRIED, ETC., EXC FLOUR	LB	25	1,392	1,056	1,468	1,056			1,392	1,056
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	63	438	147	451	147				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	73	11	98	12	98			7	65
1410500	CORN, CANNED, EXCL PICKLED	LB	46	1,060	351	867	234				
1412220	TOMATO PULP (PUREE), CANNED	LB	135	17	5	20	5				
1412280	TOMATOES, CANNED, NSPF	LB	123	90	13	107	13				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	104	29	26	12	11	24	16		
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	54	131	178	132	178			131	178
1452200	PECANS, NOT SHELLD OR ROASTED	LB	96	44	37	44	37				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	2	31,388	25,188	27,004	21,698			22,047	17,803
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	69	73	124	73	124				
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	85	35	57	36	57			35	57
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	12	2,658	3,856	2,778	3,856			2,537	3,672
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	21	1,090	1,900	1,160	1,900			1,027	1,772
1455720	PISTACHIOS, SHELLED	LB	145	1	2	1	2			1	2
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	122	5	14	5	14			5	14
1456100	ALMONDS, PREPARED, PRESERVED	LB	55	118	174	141	174			118	174
1457547	OTHER NUTS, PREP OR PRESERVED	LB	31	772	645	817	645			728	579
1476500	GRAPES, FRESH	LB	112	30	19	39	19			30	19
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	137	10	4			11	4	10	4
1502200	APRICOTS PEACHES PEARS DRIED	LB	114	5	18	5	18			5	18
1504500	DATES, DRIED	LB	51	266	230	305	230			266	230
1506500	GRAPES (RAISINS), DRIED	LB	48	445	308	476	308			397	279
1508000	PRUNES, DRIED	LB	14	3,917	2,910	4,300	2,910			3,604	2,688
1511000	APRICOTS, PREP OR PRESERVED	LB	124	34	13	40	13				
1515000	OLIVES, CANNED	LB	84	159	57	175	57			128	37
1518500	FRUIT NSPF, PREP, PRESERVED	LB	109	36	20	38	20			36	20
1525500	FRUIT BABY FOOD, CANNED	LB	134	12	8	22	8				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	144	1	2			1	2		
1621700	SPICE AND SPICE SEEDS, NSPF	LB	80	49	68	44	42	21	26		
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	118	11	16	12	16				
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	111	4	19	57	19				
1751500	COTTONSEED	LB	36	1,075	520	1,012	491				
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	16	12,477	2,527						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	113	33	18	33	17	1	2		
1769180	JOJOBA OIL, UNMIXED	LB	141	0	2	0	2			0	2
1775640	TALLOW, INEDIBLE	LB	3	132,980	18,141	132,983	18,141				
1777360	CHOICE WHITE GREASE	LB	47	2,200	321	2,200	321				
1777385	YELLOW GREASE	LB	13	33,730	3,802	33,730	3,802				
1777390	OTHER TALLOW, NSPF	LB	86	49	55	52	55			49	55
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	143	3	2	3	2				
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	121	21	14	23	14				
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	62	1,146	149	1,149	149				
1829740	MIXED SEASONINGS	LB	52	85	222	104	212	6	10	1	2
1829752	VEGETABLE PROTEIN ISOLATES	LB	41	593	440	604	440				
1829754	VEG PRO CONCENTRATES, ETC	LB	107	39	21	24	14				
1829760	EDIBLE PREP, NSPF, CANNED	LB	142	0	2			0	2		
1829770	EDIBLE PREP, NSPF, FROZEN	LB	117	18	17			19	17		
1829780	EDIBLE PREPARATIONS, NSPF	LB	33	218	549	223	526	2	23	1	13
1842000	BEET PULP, DRIED	STN	57	1	161	1,926	161				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	8	45	5,188	89,794	5,188				
1848015	ALFALFA MEAL, DEHYDRATED	STN	40	4	456	8,598	456				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	20	12	2,042	24,192	2,042				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	60	1	155	2,200	155				
1865700	HAIR AND BRISTLES, NSPF	LB	93	27	40	27	33	0	7		
1911520	BULL SEMEN (BOVINE)		38	0	511			5	511		305
1912570	ANIMAL PRODUCTS, NSPF		61	0	150			3	65		
1921140	FOLIAGE, ORNAMENTAL PURPOSES		99	0	30	15	17	7	13		
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	90	7	44	1	12	7	32		
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	4	57	15,103	29,099	15,103			9	2,677
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	19	7	2,073	3,394	2,073			5	1,433
4523400	LEMON OIL	LB	83	0	57	0	2	0	55		
4524400	ORANGE OIL	LB	95	5	37	6	37				
7482500	FLOWERS, CUT NATURAL, DRIED		87	0	54	79	54				
	TOTALS FOR SPAIN				$193,277	2,025,679	$176,061	923	$5,676		$40,161

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

TAIWAN COUNTRY RANK 4

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1000210	CHICKENS, BREEDER STOCK, EGG	NO	100	38	171			4	171	13	59
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	46	83	674			11	674	17	72
1000240	CHICKENS, LIVE, EXC BREEDER	NO	148	75	70			2	70	18	47
1001000	CHICKENS, DUCKS, ETC NSPF	NO	283	1	2			5	2		
1004120	CATTLE, BEEF, BREEDING, MALE	NO	229	0	16			8	16		
1004140	CATTLE, BEEF, BREEDING, FEMALE	NO	88	0	212			275	212		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	51	0	524			273	524	0	62
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	19	3	3,440			2,678	3,440	0	9
1007100	HORSES FOR BREEDING	NO	151	0	67			51	67	0	40
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	202	0	29			20	29	0	23
1008200	SHEEP, LIVE	NO	245	0	12			31	12		
1008300	SWINE, LIVE	NO	77	0	263			52	263		
1009640	LIVE ANIMALS, NSPF		55	0	476			79	476		3
1054140	CHICKENS, EX YOUNG, WHOLE	LB	248	51	10	51	10				
1054160	CHICKEN PIECES, FRESH, ETC	LB	54	2,185	476	2,242	476			692	110
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	78	671	255	696	255			577	226
1055140	TURKEY PIECES, FRESH, ETC	LB	41	2,765	863	2,827	863			1,517	462
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	63	1,491	370	1,499	370			1,340	323
1057100	POULTRY LIVERS, FRESH ETC	LB	165	168	59	175	59			168	59
1058100	BIRD MEAT, CANNED	LB	244	2	12	2	12			2	12
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	57	132	452	118	379	17	72	64	239
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	9	3,381	7,533	3,401	7,367	46	166	2,850	6,385
1061080	VEAL, CRCSS, FRESH, CHILLED, ETC	LB	189	23	36	23	21	3	15	5	18
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	234	4	14	3	10	1	4	3	10
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	86	426	221	429	221			336	182
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	253	10	9	9	7	1	2	9	7
1068400	BEEF LIVER, FRESH, ETC	LB	281	3	2			3	2		
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	50	539	527	551	503	28	24	507	488
1068800	VEAL OFFAL, FRESH, CHILLED, ETC	LB	231	12	16	10	6	3	10	10	6
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	198	11	31	9	27	1	4	9	27
1070100	SAUSAGES, ETC, CANNED	LB	263	4	6	5	6			4	6
1070200	SAUSAGES, ETC, EXC CANNED	LB	154	32	65	23	48	12	17	18	31
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	56	293	462	356	390	10	72	51	119
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	235	4	14	4	14				
1074200	BEEF AND VEAL, CANNED	LB	178	22	45	41	45			22	45
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	81	94	238	104	236	1	2	94	238
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	272	4	4	4	4				
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	247	6	11	6	11			6	11
1076600	MT & EDBL OFFL, PREP EX CANND	LB	174	30	48	24	37	7	11	23	37
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	207	18	27	24	27			18	27
1150100	MLK & CRM, FLUID, FRSH OR SOUR	GAL	87	54	217	412	217			54	217
1153000	MILK & CRM, NT SWT(EVAP)CANND	LB	262	3	7	3	7			3	7
1154000	MLK & CRM, CNDNS/EVAP, NT CNND	LB	192	126	34	129	34				
1155020	NONFAT DRY MILK, DONATED	LB	145	303	75	303	75				
1155040	NONFAT DRY MILK, NOT DONATED	LB	160	223	61	232	61			223	61
1155700	DRIED MILK AND CREAM, NSPF	LB	119	263	125	268	125			263	125
1163000	MARGARINE, INCLDNG OLEO	LB	99	311	171	334	169	2	3	311	171
1171700	CHEDDAR CHEESE	LB	258	3	8			3	8		
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	181	28	42	31	42			28	42
1178600	CHEESES, NSPF	LB	167	42	57	46	57			40	54
1180500	WHEY, DRIED	LB	45	4,155	684	4,291	684			2,689	448
1181000	YOGURT, OTHER FERMENTD MILK	LB	225	33	17	40	17			33	17
1181200	INFNTS DIET SUPP, DRY MILK	LB	91	85	209	116	209			9	7
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	73	288	288	428	288			268	250
1182500	ICE CREAM	GAL	62	153	377	610	377			143	347
1186000	MILK PRODUCTS, NSPF		80	0	239	109	237	1	2		236
1195100	SHELL EGGS FOR HATCHING	DOZ	226	1	17			1	17		
1201400	CATTLE HIDES, WHOLE	PC	2	3,159	172,259	182,266	170,392	72	73	1,909	105,216
1201720	WHOLE CALF SKINS	PC	39	112	912	862	912			96	815
1201755	CATTLE HIDE CROUPONS ETC	PC	40	18	871	458	871			8	329
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	27	3,133	1,750	3,314	1,719	12	32	2,132	1,386
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	241	1	13			1	13		
1202047	GOAT AND KID SKINS	PC	282	1	2			7	2	1	2
1202092	PIG AND HOG SKINS	NO	12	955	5,020	10,506	4,944			192	949
1202095	OTHER HIDES AND SKINS, NSPF	NO	144	0	76			1	76		11
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	186	10	37			2	37		
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		215	0	23	2	5	19	18		23
1258100	LIVE PLANTS, NSPF		191	0	35			1	35		4
1260120	ALFALFA SEED, UNCERTIFIED	LB	265	4	6	4	6			4	6
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	238	19	14	19	14			19	14
1264100	FLOWER SEED	LB	224	0	19			0	16	0	7
1265700	MILLET	LB	123	1,674	119	1,676	119			118	16
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	185	22	37	15	26	7	11	18	29
1271530	LETTUCE SEED	LB	218	6	22	8	22			6	22
1271580	VEGETABLE SEEDS, NSPF	LB	110	172	141	183	133	1	8	24	65
1271590	SEEDS, NSPF	LB	166	89	58	91	52	0	6	13	14
1301040	BARLEY, OTHER THAN MALTING	BU	228	5	16	258	16			5	16
1301700	BUCKWHEAT AND CANARY SEED	LB	270	40	5	40	5				
1303420	SWEET CORN SEED, NOT DONATED	LB	48	202	612	200	595	5	17	43	132
1303465	YELLOW CORN, NOT DONATED	BU	1	119,027	249,914	6,665,942	249,914				
1303475	CORN, NSPF, NOT DONATED	BU	254	4	8	208	8				
1304020	GRAIN SORGHUM SEED	LB	146	571	74	581	74			483	67
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	6	18,979	38,302	1,062,948	38,302				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	3	30,648	103,578	1,838,821	103,578				
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	175	190	47	192	47			190	47
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	233	51	15	52	15			39	10
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	113	672	131	677	131			672	131
1313070	BROKEN RICE, NOT DONATED	LB	214	129	23	130	23			129	23

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QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	240	0	13	40	13			0	13
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	251	1	9	119	9			1	9
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	219	3	21	307	21			2	14
1321700	MALTS	LB	274	2	3	2	3			2	3
1322700	MALT EXTRACT	LB	227	61	16	66	16			61	16
1324020	CORNSTARCH, INCLUDING MILO	LB	101	589	168	611	168			192	55
1324040	STARCHES, NSPF	LB	266	14	6	15	6			14	6
1352700	CABBAGE, FRESH OR CHILLED	LB	205	130	28	139	28			130	28
1353300	CELERY, FRESH OR CHILLED	LB	47	3,259	613	3.434	613			3,259	613
1353500	DASHEENS, ETC., FRH OR CHILLED	LB	256	30	8	30	8			30	8
1354000	GARLIC, FRESH OR CHILLED	LB	275	21	3	22	3			21	3
1354300	LETTUCE, FRESH OR CHILLED	LB	69	1,635	325	1,684	305	46	19	1,465	311
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	30	15,089	1,522	15,332	1,522			198	31
1355300	TOMATOES, FRESH OR CHILLED	LB	190	44	35	45	35			44	35
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	163	42	59	31	47	12	12	40	57
1382000	CORN, SWEET, FROZEN	LB	79	877	254	893	254			106	26
1383000	PEAS, FROZEN	LB	66	697	343	751	343			103	40
1387000	VEGETABLES, NSPF, FROZEN	LB	193	43	34	45	24	3	10	19	20
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	204	105	28	105	28			105	28
1400520	LIMA BEANS, BABY	LB	188	274	36	275	36			274	36
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	183	349	40	351	40			56	17
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	122	1,323	120	1,328	120			860	71
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	147	552	72	555	72				
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	117	1,329	127	1,345	127			273	28
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	140	367	80	368	80			367	80
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	158	501	62	507	62			91	29
1403300	PEAS, SEED	LB	197	87	32	88	32				
1405300	ONIONS, DRIED, ETC., EXC FLOUR	LB	264	5	6	5	6			5	6
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	49	1,978	588	2,016	588			3	3
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	164	90	59	95	59			31	7
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	200	18	30	18	30			18	30
1407100	VEGETABLES REDUCED TO FLOUR	LB	209	65	26	68	26			14	8
1410100	ASPARAGUS, CND, EXCL. PICKLED	LB	172	20	51	21	51			20	51
1410340	BEANS, CND, NSPF, EXCL. PICKLED	LB	220	37	21	41	21			37	21
1410500	CORN, CANNED, EXCL. PICKLED	LB	18	11,414	3,568	13,329	3,568			1,449	473
1412240	TMTO SC, EX CTSP & CHILI SC	LB	276	8	3	10	3			8	3
1412260	TOMATO PASTE, CANNED	LB	236	35	14	38	14			35	14
1412280	TOMATOES, CANNED, NSPF	LB	162	1,026	59	1,539	59			1,026	59
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	216	66	22	73	22			51	17
1414200	VEGETABLE BABY FOOD, CANNED	LB	156	155	64	202	64			155	64
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	152	182	66	255	66			156	58
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	130	219	101	265	101			141	74
1417500	VEGETABLES, PREP, PRES, NSPF	LB	222	29	20	40	20			29	20
1442500	MUSHROOMS, CANNED	LB	259	15	7	15	7			15	7
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	217	22	22	25	22			22	22
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	131	74	101	78	101			74	101
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	111	149	140	154	140			130	124
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	61	166	377	175	374	2	4	166	377
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	120	61	124	66	124			61	124
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	16	2,128	4,366	2,229	4,366			2,127	4,359
1454900	PECANS, SHELLED, NOT BLANCHED	LB	277	3	3	3	3			3	3
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	31	776	1,382	827	1,382			776	1,382
1455720	PISTACHIOS, SHELLED	LB	103	80	164	83	163	0	2	80	164
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	161	25	61	27	61			25	61
1456100	ALMONDS, PREPARED, PRESERVED	LB	26	958	1,753	1,051	1,753			888	1,649
1457520	PISTACHIOS, PREP OR PRESRVD	LB	97	72	186	88	186			72	186
1457542	MACADAMIA, PREP OR PRESERVED	LB	129	24	106	41	106			11	52
1457545	CASHEWS, PREP OR PRESERVED	LB	157	23	63	32	63			23	63
1457547	OTHER NUTS, PREP OR PRESERVED	LB	182	22	40	24	40			19	30
1459000	MIXTURES OF EDIBLE NUTS	LB	75	148	269	185	246	11	23	133	238
1461000	APPLES, FRESH	LB	7	94,139	16,840	98,801	16,768			1,741	323
1463500	AVOCADOS, FRESH	LB	268	5	5			5	5	5	5
1465500	STRAWBERRIES, FRESH	LB	243	6	12			6	12	6	12
1466500	BERRIES, FRESH, NSPF	LB	271	7	4			7	4	7	4
1468520	CHERRIES, SWEET, FRESH	LB	43	756	783	96	71	715	709	339	402
1471500	GRAPEFRUIT, FRESH	LB	10	29,935	5,315	31,209	5,315			22,780	4,119
1471900	LEMONS, FRESH	LB	168	173	57	180	57			173	57
1472200	LIMES, FRESH	LB	150	251	69	273	69			251	69
1473120	TANGERINES, FRESH	LB	72	1,735	309	1,846	309			1,735	309
1473130	TEMPLE ORANGES, FRESH	LB	114	816	130	870	130			816	130
1473140	ORANGES, FRESH, NSPF	LB	20	14,952	3,123	15,361	3,123			14,156	2,921
1473500	CITRUS FRUITS, FRESH, NSPF	LB	59	2,203	417	2,162	365	66	51	2.156	407
1476500	GRAPES, FRESH	LB	8	24,939	11,417	26.811	11,417			24.904	11,409
1482700	MELONS, FRESH, NSPF	LB	239	32	14	34	14			32	14
1487500	PEACHES & NECTARINES, FRESH	LB	60	775	396	263	97	588	299	775	396
1488500	PEARS, FRESH	LB	108	400	142	427	142			383	139
1491700	PRUNES AND PLUMS, FRESH	LB	14	11,936	4,494	10,172	3,267	2,201	1.227	11,603	4,367
1493050	KIWIFRUIT, FRESH	LB	64	451	366	490	366			451	366
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	93	453	207	244	63	254	145	453	207
1497000	STRAWBERRIES, FROZEN	LB	194	59	34	18	7	46	28	17	7
1497500	BERRIES, FROZEN, NSPF	LB	267	14	6	15	6				
1499000	FRUITS, FROZEN, NSPF	LB	95	385	190	432	190			376	186
1501200	APPLES, DRIED	LB	279	1	2	1	2			1	2
1502200	APRICOTS PEACHES PEARS DRIED	LB	260	5	7	6	7			5	7
1506500	GRAPES (RAISINS), DRIED	LB	13	7,206	4,698	8,639	4,698			7,203	4,693
1508000	PRUNES, DRIED	LB	37	1,787	967	1,962	967			1,588	942
1508500	FRUITS, DRIED, NSPF	LB	170	88	55	121	55			88	55
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	155	106	65	116	65			106	65
1510500	FRUIT IN BRINE, NSPF	LB	250	22	10	27	10				
1511000	APRICOTS, PREP OR PRESERVED	LB	230	39	16	40	16				
1512000	MARASCHINO CHERRIES, PREP	LB	34	1,775	1,133	1,951	1,133			76	59
1512520	CHERRIES, SWEET, NSPF, PREP	LB	38	1,223	929	1,404	929			1,176	905
1513000	BERRIES, PREPARED OR PRES	LB	221	25	21	29	21			25	21
1515000	OLIVES, CANNED	LB	201	27	29	38	29			27	29

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SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						.000 LBS		.000 LBS			
1516000	PEACHES AND NECTARINES, PREP	LB	32	4,146	1,177	4,715	1,177			4,146	1,177
1517000	PEARS, PREPARED OR PRESERVED	LB	261	37	7	42	7			37	7
1518500	FRUIT NSPF, PREP, PRESERVED	LB	141	186	79	226	77	2	3	184	77
1519500	FRUIT MIXTURES, NSPF, PREP	LB	85	673	221	745	221			663	217
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	280	7	2	7	2			7	2
1525500	FRUIT BABY FOOD, CANNED	LB	184	79	39	92	39			79	39
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	109	255	142	279	142			252	140
1533000	JAMS, JELLIES MARMALADES ETC	LB	74	439	278	475	278			373	238
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	180	83	43	102	43			83	43
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	273	1	4	1	4			1	4
1552045	RAW SUGAR, BEET OR CANE	STN	177	0	46	208	46			0	46
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	106	189	153	1,456	153			189	153
1557000	HONEY	LB	179	67	44	73	44			33	24
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	169	125	55	142	55			125	55
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	195	73	33	96	33			73	33
1621700	SPICE AND SPICE SEEDS, NSPF	LB	90	256	210	263	206	2	5	215	105
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	132	47	99	508	99			38	76
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	126	78	110	730	96	52	15	74	96
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	125	66	114	364	114			60	102
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	135	43	92	425	92			13	28
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	70	162	322	1,286	312	8	11	109	200
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	138	44	83	78	83				
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	96	147	189	300	189			14	14
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	21	1,944	2,679	3,852	2,667	3	12	1,742	2,321
1654120	LEMON JUICE, CONC, FRZN	SSG	149	48	69	75	67	2	2	48	69
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	115	151	129	287	124	5	5		
1655400	GRAPE JUICE CONCENTRATED FRZ	SSG	53	260	478	547	476	2	2	32	43
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	76	176	264	412	244	16	20	25	57
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	112	116	138	305	138			116	138
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	83	178	232	327	232			6	12
1657700	CITRUS JUICE NSFF CONC NT FZ	SSG	242	13	13	25	13			13	13
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	252	19	9	37	9			19	9
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	176	42	47	73	36	11	11	42	47
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	203	9	29	106	29			9	29
1663040	VEGETABLE JUICES, NSPF	GAL	124	25	116	282	116				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	68	106	331	1,245	331			55	135
1673100	STILL WINE NT OV 14% ALCOHOL	WG	24	374	2,254	4,441	2,117	208	137	279	1,629
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	35	164	1,031	1,959	1,028	7	3	150	884
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	58	98	440	1,291	440			98	440
1751500	COTTONSEED	LB	199	87	30	88	30			87	30
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	127	552	110	528	101			79	18
1756020	SAFFLOWER SEED	LB	137	507	84	507	84				
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	223	107	19	108	19			28	12
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	255	20	8	24	8			20	8
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	237	39	14	40	14			37	5
1775640	TALLOW, INEDIBLE	LB	17	22,873	4,352	23,011	4,352			10,731	1,780
1775900	WOOL GREASE	LB	153	58	66	66	66			58	66
1777390	OTHER TALLOW, NSPF	LB	196	82	32	89	32			82	32
1781140	VEG SALAD OIL, NOT RELIEF	LB	211	85	25	90	25			85	25
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	134	159	94	166	92	4	2	43	21
1786000	SALAD & COOKING OIL, MIXTURE	LB	257	9	8	11	8			9	8
1787020	BAKING FATS, MIX OF VEG OILS	LB	121	245	122	256	122			2	2
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	102	286	164	309	164				
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	212	40	24	42	24				
1824420	CATSUP AND CHILI SAUCE	LB	159	143	62	167	62			113	47
1825120	SOUPS, DRIED OR DEHYDRATED	LB	187	18	36	20	36			18	36
1825140	SOUPS, N S P F	LB	94	359	196	425	172	33	23	359	196
1829420	POTATO CHIPS AND STICKS	LB	84	180	230	218	230			90	149
1829740	MIXED SEASONINGS	LB	104	177	154	241	145	0	9	114	103
1829742	VEG FLOURS & GRITS, DEFATTED	LB	118	527	126	579	126				
1829752	VEGETABLE PROTEIN ISOLATES	LB	25	2,064	1,826	2,111	1,825			1,864	1,615
1829754	VEG PRO CONCENTRATES, ETC	LB	143	75	76	80	76			58	71
1829760	EDIBLE PREP, NSPF, CANNED	LB	71	340	315	465	315			275	274
1829770	EDIBLE PREP, NSPF, FROZEN	LB	92	337	209	337	209			337	209
1829780	EDIBLE PREPARATIONS, NSPF	LB	29	1,553	1,719	1,792	1,701	4	19	1,406	1,588
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	116	2	127	3,124	127			2	127
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	232	0	16	56	16				
1842000	BEET PULP, DRIED	STN	82	2	235	3,728	235				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	133	1	98	1,335	98			0	33
1843600	HAY AND STRAW	STN	98	2	186	4,200	186			1	71
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	136	0	90	676	90			0	90
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	11	23	5,179	46,342	5,179			6	1,126
1848005	ALFALFA HAY CUBES	STN	44	8	757	15,998	757			1	147
1848010	ALFALFA MEAL, SUN CURED	STN	206	0	27	660	27			0	13
1848015	ALFALFA MEAL, DEHYDRATED	STN	142	1	78	2,744	78			0	2
1848025	FEATHER MEAL	STN	33	6	1,160	12,215	1,160			0	25
1848032	DOG & CAT FOOD, RETAIL SALE	LB	65	971	364	1,017	364			753	221
1848034	PET FOOD NSPF, RETAIL SALE	LB	28	2,308	1,744	2,695	1,610	114	135	830	457
1848035	POULTRY FEEDS, PREPARED	STN	52	1	476	2,355	496			0	17
1848040	DAIRY CATTLE FEED, PREPARED	STN	208	0	27	104	27				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	36	2	987	3,662	985	0	2	1	460
1848070	CITRUS PULP PELLETS	STN	210	0	26	633	26			0	26
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	23	10	2,353	20,323	2,353			4	764
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	15	2,087	4,450	2,145	4,423	3	27	1,166	2,194
1865700	HAIR AND BRISTLES, NSPF	LB	249	108	10	112	10				
1911520	BULL SEMEN (BOVINE)		67	0	336			3	336		180
1912570	ANIMAL PRODUCTS, NSPF		89	0	211	14	104	7	107		119
1920600	SEAWEED AND CARRAGEENIN	LB	42	413	808	425	808			13	68
1921120	CUT FLOWERS, FRSH SPRAYS ETC		269	0	5			1	5		4
1921140	FOLIAGE, ORNAMENTAL PURPOSES		139	0	82	17	70	3	12		
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	278	1	2			1	2	1	2
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	128	392	107	1,734	107			392	107
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	4	400	68,723	207,478	68,723			323	56,850
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	5	295	66,289	154,489	66,289			228	50,334

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	22	11	2,529	5,896	2,529			9	2,304
3003011	COTTON FELTING LINTER 1 TO 7	LB	171	205	53	206	53			205	53
3003021	COTTON LINTERS, OTHER	LB	107	381	147	389	147			341	129
4523400	LEMON OIL	LB	213	5	24	5	24			2	21
4524400	ORANGE OIL	LB	246	9	12	10	12			9	12
7482500	FLOWERS, CUT NATURAL, DRIED		105	0	153	118	153				110
7482900	OTHER DRIED PLANTS, N S P F		173	0	49	4	3	15	47		34
	TOTALS FOR TAIWAN				$844,564	10,599,652	$832,379	8,227	$10,227		$295,853

U KING COUNTRY RANK 12

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK, EGG	NO	218	7	28			1	28		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	259	9	10			1	10		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	225	35	24			1	24		
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	237	25	17			30	17	25	17
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	204	7	37			2	37		
1007100	HORSES FOR BREEDING	NO	5	0	18,968			68	18,968		
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	1	1	40,756			702	40,756	0	3,514
1009640	LIVE ANIMALS, NSPF		110	0	270			22	270		7
1054120	CHICKENS, YOUNG, WHOLE, FRESH	LB	134	166	180	172	180				
1054160	CHICKEN PIECES, FRESH, ETC	LB	122	582	214	580	196	20	17		
1055140	TURKEY PIECES, FRESH, ETC	LB	150	70	137	73	137				
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	239	100	17	100	17				
1057100	POULTRY LIVERS, FRESH, ETC	LB	57	2,876	865	3,742	865				
1058300	BIRD MEAT, PREP, EX CANNED	LB	269	2	7			2	7		
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	149	53	139	16	70	39	70		
1061060	BEEF, CRCSS, W/O BONE, FRESH	LB	11	6,302	9,272	6,599	9,098	49	106		
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	203	85	38	90	38				
1068200	BEEF TONGUES, FRESH, ETC	LB	13	7,153	6,560	7,424	6,560				
1068400	BEEF LIVER, FRESH, ETC	LB	65	1,109	698	1,157	698				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	6	37,215	15,641	38,569	15,609			20	11
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	53	1,858	909	1,938	909			151	68
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	126	454	202	475	202				
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	185	35	59	38	59				
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	247	39	14	42	14				
1076600	MT & EDBL OFFL, PREP EX CANND	LB	124	70	208	70	201	8	7		
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	282	0	5			0	5		
1155040	NONFAT DRY MILK, NOT DONATED	LB	283	18	5						
1155700	DRIED MILK AND CREAM, NSPF	LB	262	29	10	31	10				
1160100	BUTTER	LB	293	4	2	4	2				
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	258	7	11			8	11		
1178600	CHEESES, NSPF	LB	224	20	24	16	14	7	9	10	10
1180500	WHEY, DRIED	LB	95	856	320	31	41	69	76		
1181000	YOGURT, OTHER FERMENTD MILK	LB	212	75	32	85	32			75	32
1181200	INFNTS DIET SUPP, DRY MILK	LB	227	32	23	24	13	1	2		
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	140	96	173	51	102	7	17		
1186000	MILK PRODUCTS, NSPF		174	0	91			40	64		
1195100	SHELL EGGS FOR HATCHING	DOZ	268	6	7			8	7		
1196520	EGG ALBUMEN(WHITES), DRIED	LB	70	249	639	268	639				
1196540	WHL EGGS, OR YLKS, N/SHLL, DRD	LB	109	168	270	177	270				
1197040	WHL EGG OR YLK, N/SHLL, EX DRD	LB	230	32	22						
1201400	CATTLE HIDES, WHOLE	PC	137	4	177			21	14		
1201720	WHOLE CALF SKINS	PC	207	3	36			24	36		
1201755	CATTLE HIDE CROUPONS ETC	PC	198	2	41	5	31	1	10		
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	31	347	2,049	1,300	2,037	1	12	157	865
1202092	PIG AND HOG SKINS	NO	275	2	6						
1202095	OTHER HIDES AND SKINS, NSPF	NO	129	0	196	92	137	3	26		12
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	29	243	2,277	1,392	2,245	3	32	36	376
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		169	0	109	131	72	20	37		12
1258100	LIVE PLANTS, NSPF		90	0	366	307	267	24	97		40
1260120	ALFALFA SEED, UNCERTIFIED	LB	168	106	109	103	103			102	103
1260140	ALFALFA SEED, CERTIFIED	LB	153	99	133	100	133			90	124
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	190	44	52	45	52				
1261700	SEED, CARROT	LB	176	53	84	54	82				
1263140	WHITE CLOVER SEED	LB	91	277	364	279	364				
1264100	FLOWER SEED	LB	38	97	1,531	79	315	18	1,136	26	584
1265700	MILLET	LB	36	20,667	1,727	40	3				
1266100	ONION SEED	LB	119	25	235	24	234	0	2	24	234
1267300	RADISH SEED	LB	196	39	43	19	30	22	14		
1268700	TREE AND SHRUB SEEDS	LB	175	9	85			3	35	2	20
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	115	349	248	354	248			168	45
1271530	LETTUCE SEED	LB	206	11	37	13	31	0	6	1	6
1271545	SQUASH SEED	LB	273	2	6	2	6			2	6
1271560	TOMATO SEED	LB	271	1	6	1	6			1	6
1271570	WATERMELON SEED	LB	107	115	276	116	276			59	144
1271580	VEGETABLE SEEDS, NSPF	LB	41	1,105	1,348	1,181	1,134	45	196	229	673
1271590	SEEDS, NSPF	LB	78	386	481	382	343	10	123	311	293
1301040	BARLEY, OTHER THAN MALTING	BU	251	3	13						
1301700	BUCKWHEAT AND CANARY SEED	LB	102	2,373	287						
1303420	SWEET CORN SEED, NOT DONATED	LB	179	46	80	28	65	6	4	2	4
1303440	CORN SEED, EXC SWT, NT DONATED	LB	216	220	28	184	25				
1303465	YELLOW CORN, NOT DONATED	BU	15	3,379	6,057	188,975	6,041				
1303475	CORN, NSPF, NOT DONATED	BU	193	22	49						
1305000	RICE, PADDY OR ROUGH	LB	256	118	11	95	9			94	9
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	51	11,758	1,035	11,787	1,035				
1305540	RICE, HUSKED, BROWN, MED GRAIN	LB	164	461	121	465	121			461	121
1305580	RICE, HUSKED, BRWN, MIXED GRAIN	LB	270	4	7	4	7			4	7
1306540	WHEAT, UNMILLED, NOT DONATED	BU	186	13	58						
1313015	LG GR PRBL HD RICE, NT RELIEF	LB	101	1,151	294	1,169	294				
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	238	36	17	37	17				

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY .000 LBS	VESSEL VALUE	AIR QTY .000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	154	732	133	739	133			35	9
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	171	537	102	552	102			39	7
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	157	719	131	727	131			490	86
1313070	BROKEN RICE, NOT DONATED	LB	50	20,826	1,070	20,861	1,070				
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	276	1	6	15	2				
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	240	1	17						
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	67	67	677	1,735	241	7	2		
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	188	8	53	666	47				
1321700	MALTS	LB	33	12,843	1,882	3,241	464				
1324020	CORNSTARCH, INCLUDING MILO	LB	20	15,049	3,890	10,855	2,465	15	9		
1324040	STARCHES, NSPF	LB	121	356	223			12	8		
1351800	ASPARAGUS, FRESH OR CHILLED	LB	47	1,113	1,220			1,012	1,036	678	753
1352300	BROCCOLI, FRESH OR CHILLED	LB	180	151	76			170	76	125	65
1352700	CABBAGE, FRESH OR CHILLED	LB	253	59	12			50	12		
1352900	CARROTS, FRESH OR CHILLED	LB	112	1,962	268	1,837	225	194	44	326	37
1353100	CAULIFLOWER, FRESH OR CHILLED	LB	210	39	34	27	19	18	15	12	13
1353300	CELERY, FRESH OR CHILLED	LB	144	807	168	319	59	524	108	276	81
1353700	SWEET CORN, FRESH OR CHILLED	LB	148	738	141	106	31	647	110		
1353900	CUCUMBERS, FRESH OR CHILLED	LB	290	9	3			9	3		
1354000	GARLIC, FRESH OR CHILLED	LB	146	243	156	248	156			243	156
1354300	LETTUCE, FRESH OR CHILLED	LB	37	4,435	1,595	1,870	767	1,175	612	716	356
1354500	ONIONS, FRSH OR CHLLD, EX SETS	LB	68	2,354	670	378	57	1,483	533	965	370
1354700	PEPPERS, FRESH OR CHILLED	LB	132	1,031	183	1,035	153	73	21	3	2
1355300	TOMATOES, FRESH OR CHILLED	LB	222	57	26			59	26	5	2
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	55	1,876	881	525	188	1,725	692	740	368
1381000	CARROTS, FROZEN	LB	229	202	22	209	22			168	18
1382000	CORN, SWEET, FROZEN	LB	44	4,650	1,293	2,110	524				
1383000	PEAS, FROZEN	LB	217	84	28	47	10				
1387000	VEGETABLES, NSPF, FROZEN	LB	76	863	507	706	399	59	42	42	36
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	233	78	19	79	19			78	19
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	60	3,123	818	98	19			78	15
1400520	LIMA BEANS, BABY	LB	120	663	224	668	224			663	224
1400540	LIMA BEANS, OTHER THAN BABY	LB	27	6,767	2,418	6,814	2,418			6,650	2,378
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	2	127,270	34,426	36	9			36	9
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	130	706	190	60	16			40	13
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	14	20,112	6,389	9,338	1,026			2,771	834
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	89	1,801	381	560	204			453	164
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	69	2,045	649	2,059	649			2,045	649
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	284	136	15						
1403100	BEANS, SEED	LB	82	756	424	767	424			304	207
1403300	PEAS, SEED	LB	25	7,468	2,496	7,612	2,496				
1403500	LENTILS, DRIED, ETC	LB	257	45	11						
1404100	LEG VEGS NSPF EX FLOUR, DRY	LB	139	548	173	397	75	53	48	423	104
1405100	GARLIC, DRIED, ETC ,EXC FLOUR	LB	62	928	742	973	690	4	51	424	303
1405300	ONIONS, DRIED, ETC ,EXC FLOUR	LB	19	6,107	5,065	6,476	5,065			3,835	3,244
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	79	1,821	467	1,735	443				
1405640	POTATO GRANULES DRY EX FLOUR	LB	111	343	269	379	269				
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	215	57	29	64	29				
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	34	682	1,822	765	1,819	1	2	673	1,793
1407100	VEGETABLES REDUCED TO FLOUR	LB	128	184	197	121	159	52	38	155	191
1410100	ASPARAGUS, CND, EXCL PICKLED	LB	86	285	678	730	624	15	[illegible]	13	7
1410320	DRY BEANS, CND, EXCL PICKLED	LB	199	118	41	122	41			116	41
1410340	BEANS, CND, NSPF, EXCL PICKLED	LB	295	14	18	14	18			14	18
1410500	CORN, CANNED, EXCL PICKLED	LB	16	17,880	6,004	122	32			11	5
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	242	51	15			54	15		
1412220	TOMATO PULP (PUREE), CANNED	LB	234	65	18	60	14				
1412240	TMTO SC, EX CTSP & CHILI SC	LB	245	41	14	47	14			35	11
1412260	TOMATO PASTE, CANNED	LB	241	44	16	54	16			21	7
1412280	TOMATOES, CANNED, NSPF	LB	250	47	13	39	9				
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	205	60	37	37	25				
1414200	VEGETABLE BABY FOOD, CANNED	LB	182	186	73	242	73				
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	285	40	4	54	4				
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	281	8	5	11	5				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	87	449	411	618	408	5	3	87	76
1441000	MUSHROOMS, FRESH	LB	286	2	4			2	4		
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	265	10	9	11	9				
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	165	170	119	171	119			134	79
1452200	PECANS, NOT SHELLD OR ROASTED	LB	141	169	172	172	172				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	48	1,334	1,144	1,341	1,141	2	2	1,251	1,078
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	52	1,049	971	1,142	971			582	543
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	170	81	105	81	97	2	8	35	66
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	4	12,638	21,980	13,133	21,980			11,761	20,791
1454900	PECANS, SHELLED, NOT BLANCHED	LB	84	227	419	221	388	17	30		
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	100	150	302	156	287	7	15	143	287
1455720	PISTACHIOS, SHELLED	LB	221	11	26	13	26			5	10
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	104	115	280	117	280				
1456100	ALMONDS, PREPARED, PRESERVED	LB	8	5,206	12,376	5,399	12,362	8	14	5,199	12,362
1457547	OTHER NUTS, PREP OR PRESERVED	LB	167	47	110	40	89				
1459000	MIXTURES OF EDIBLE NUTS	LB	117	210	241	213	238	3	3		
1461000	APPLES, FRESH	LB	17	23,797	5,723	21,451	4,748	68	21	64	21
1463500	AVOCADOS, FRESH	LB	28	3,175	2,355	1,682	1,601	1,729	755	1,130	514
1465500	STRAWBERRIES, FRESH	LB	72	696	591			750	591	645	539
1466500	BERRIES, FRESH, NSPF	LB	56	1,811	877	514	333	1,393	544	1,243	525
1468520	CHERRIES, SWEET, FRESH	LB	22	3,029	2,898	125	80	1,879	1,962	819	1,033
1471500	GRAPEFRUIT, FRESH	LB	21	15,439	3,193	16,221	3,179	45	14	251	54
1471900	LEMONS, FRESH	LB	272	9	6			9	6	9	6
1472200	LIMES, FRESH	LB	152	340	134			359	134	1	2
1473120	TANGERINES, FRESH	LB	127	876	198	915	198			192	45
1473130	TEMPLE ORANGES, FRESH	LB	105	1,869	278	2,006	278			1,484	209
1473140	ORANGES, FRESH, NSPF	LB	71	1,885	632	1,994	623	6	9	966	283
1473500	CITRUS FRUITS, FRESH, NSPF	LB	116	637	247	390	93	325	154	205	118
1476500	GRAPES, FRESH	LB	12	11,338	7,705	6,503	3,152	6,446	4,553	5,940	4,458
1481700	CANTALOUPES, FRESH	LB	211	86	33	78	29	10	5	84	31
1482000	WATERMELON, FRESH	LB	226	76	24	76	20	6	4	6	4

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1482700	MELONS, FRESH, NSPF	LB	232	26	19			28	19	26	19
1487500	PEACHES & NECTARINES, FRESH	LB	192	101	50			83	42	75	42
1488500	PEARS, FRESH	LB	161	667	129	601	104	25	5	24	5
1491700	PRUNES AND PLUMS, FRESH	LB	23	6,143	2,883	3,008	1,034	3,611	1,846	3,712	1,987
1493050	KIWIFRUIT, FRESH	LB	58	1,322	847	1,524	844	2	3	553	167
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	35	2,295	1,783	2,290	1,672	132	75	71	55
1497000	STRAWBERRIES, FROZEN	LB	277	3	6			3	6	3	6
1497500	BERRIES, FROZEN, NSPF	LB	73	1,397	588	1,422	578	16	10	13	10
1498520	CHERRIES, SWEET, FROZEN	LB	98	495	312	349	211				
1499000	FRUITS, FROZEN, NSPF	LB	86	1,033	414	1,056	363				
1501200	APPLES, DRIED	LB	133	162	182	137	167	2	2		
1502200	APRICOTS PEACHES PEARS DRIED	LB	125	275	203	105	84	194	119	275	203
1504500	DATES, DRIED	LB	131	232	187	179	122	36	50	121	139
1506500	GRAPES (RAISINS), DRIED	LB	3	38,804	23,985	41,509	23,985			38,050	23,485
1508000	PRUNES, DRIED	LB	18	7,601	5,343	8,122	5,343			7,455	5,277
1508500	FRUITS, DRIED, NSPF	LB	223	18	25	32	2				
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	183	40	60	44	60			26	46
1510500	FRUIT IN BRINE, NSPF	LB	142	205	171	309	157				
1511000	APRICOTS, PREP OR PRESERVED	LB	289	5	3	3	2	2	2	3	2
1512520	CHERRIES, SWEET, NSPF, PREP	LB	158	182	131	119	59	60	49	11	10
1513000	BERRIES, PREPARED OR PRES	LB	292	12	2						
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	194	164	48	171	48				
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	246	34	14	39	12			30	12
1516000	PEACHES AND NECTARINES, PREP	LB	213	79	32	94	32			79	32
1517000	PEARS, PREPARED OR PRESERVED	LB	214	150	30	182	30			50	21
1519500	FRUIT MIXTURES, NSPF, PREP	LB	178	168	82	205	79	7	2	168	82
1522500	FRUIT PEEL CRUDE, PREP. NSPF	LB	209	49	34	59	34			15	25
1525500	FRUIT BABY FOOD, CANNED	LB	260	20	10	37	10				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	181	136	73	144	73			53	39
1533000	JAMS, JELLIES MARMALADES ETC	LB	231	32	20	35	20				
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	254	39	11	43	11				
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	42	4,617	1,325	50,130	1,325				
1557000	HONEY	LB	97	213	314	56	38				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	184	49	60			9	10		
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	291	14	2	15	2			14	2
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	228	52	23	2	2				
1616100	MUSTARD SEEDS	LB	266	35	8						
1618100	RED PEPPER	LB	279	2	5						
1621700	SPICE AND SPICE SEEDS, NSPF	LB	49	860	1,085	938	1,028	8	26	561	554
1650700	ORANGE JUICE NOT CONCENTRATE	GAL	263	3	10	32	10				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	219	19	26	47	15				
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	202	42	38						
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	173	42	92	111	81	58	9	33	70
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	103	193	281	320	281				
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	160	73	130	178	130				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	40	735	1,357	1,603	1,357				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	43	1,599	1,296	3,865	1,294	3	2	1,363	1,023
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	81	540	444	1,172	444				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	155	155	132	308	132			8	17
1657100	GRAPEFRT JUICE CONC, NOT FRZ	SSG	147	32	152	150	152				
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	195	33	43	80	43			9	10
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	187	23	57			1	2		
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	106	121	277	219	248	6	8	7	12
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	252	4	12	63	12				
1663040	VEGETABLE JUICES, NSPF	GAL	248	5	13	23	11				
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	85	83	415	941	388	9	27	39	275
1673100	STILL WINE NT OV 14% ALCOHOL	WG	10	1,634	9,360	22,319	8,698	509	532	1,337	7,213
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	45	223	1,240	3,276	958	163	237	169	707
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	177	26	83	54	19	39	42	1	3
1683000	BRANDY	PFG	280	1	5	30	5			1	5
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	54	3,623	888						
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	145	314	166	288	147	4	2		
1769180	JOJOBA OIL, UNMIXED	LB	200	6	39	11	39			2	9
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	75	641	514	641	472	35	13	531	441
1775640	TALLOW, INEDIBLE	LB	94	2,282	342	2,282	342				
1775900	WOOL GREASE	LB	201	18	38	13	31	4	3		
1777385	YELLOW GREASE	LB	166	1,091	113	1,091	113				
1777390	OTHER TALLOW, NSPF	LB	162	171	128	186	128			123	96
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	172	158	97	144	86	6	5	143	89
1786000	SALAD & COOKING OIL, MIXTURE	LB	284	9	4						
1787020	BAKING FATS, MIX OF VEG OILS	LB	151	189	135						
1787040	BAKNG/FRYNG'FATS, NT ALL VEG	LB	99	2,240	305	2,207	289	35	16	2,207	289
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	93	410	342	22	29				
1824420	CATSUP AND CHILI SAUCE	LB	220	113	26	180	26				
1825120	SOUPS, DRIED OR DEHYDRATED	LB	156	110	131	131	127	4	5	27	38
1825140	SOUPS, N S P F	LB	191	78	52	22	32				
1825600	VINEGAR	GAL	287	1	4	14	4				
1827000	WILD RICE CRUDE OR PROCESSED	LB	123	117	211	63	143	2	5	1	2
1829420	POTATO CHIPS AND STICKS	LB	243	21	15	16	11	8	4		
1829740	MIXED SEASONINGS	LB	163	81	126	25	41	13	30	6	6
1829742	VEG FLOURS & GRITS, DEFATTED	LB	92	1,275	346			13	2		
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	294	1	2			1	2		
1829752	VEGETABLE PROTEIN ISOLATES	LB	30	2,461	2,150	945	981	4	9		
1829754	VEG PRO CONCENTRATES, ETC	LB	59	895	838	2	2	3	12		
1829760	EDIBLE PREP, NSPF, CANNED	LB	118	360	237	288	177				
1829770	EDIBLE PREP, NSPF, FROZEN	LB	77	690	486	558	235	32	26	4	5
1829780	EDIBLE PREPARATIONS, NSPF	LB	39	1,252	1,412	565	582	92	181	83	277
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	255	0	11	488	11				
1842000	BEET PULP, DRIED	STN	64	6	728	11,028	728				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	96	3	319	5,324	319				
1843600	HAY AND STRAW	STN	264	0	9						
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	138	2	174	3,292	174				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	9	51,137	9,961	52,865	9,961				
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	278	40	5	42	5				

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						.000 LBS		.000 LBS			
1848032	DOG & CAT FOOD, RETAIL SALE	LB	32	5,837	2,021	1,197	498	67	38		
1848034	PET FOOD NSPF, RETAIL SALE	LB	108	397	273	379	234	9	20	1	4
1848035	POULTRY FEEDS, PREPARED	STN	236	0	17	96	17				
1848040	DAIRY CATTLE FEED, PREPARED	STN	267	0	7			0	2		
1848045	LIVESTOCK FEED, PREP, NSPF	STN	24	15	2,523	27,896	2,169	0	2	0	8
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	61	3	807	3,455	451	0	2	0	72
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	208	4	34	4	32	0	2		
1865700	HAIR AND BRISTLES, NSPF	LB	159	114	- 131	68	89				
1911520	BULL SEMEN (BOVINE)		80	0	460			2	460		
1912540	HOOVES, ANTLERS, NAILS, CLAWS		249	0	13	43	13				
1912570	ANIMAL PRODUCTS, NSPF		83	0	423			11	423		39
1920600	SEAWEED AND CARRAGEENIN	LB	197	9	43	9	41	0	2		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		261	0	10			9	10		
1921140	FOLIAGE, ORNAMENTAL PURPOSES		136	0	178	5	5	181	173		
1922520	HOP PELLETS	LB	189	37	52	18	24	14	9	10	10
1922540	HOPS, OTHER	LB	74	350	525						
1923200	HOP EXTRACT AND LUPULIN	LB	63	110	731	71	467	36	178		
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	274	3	6			3	6	1	4
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	88	2,343	400	3,704	378	15	11	10	24
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	135	1	180	407	180				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	7	45	14,147	23,590	14,147				
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	26	7	2,487	3,269	2,473	21	14	8	2,465
3003011	COTTON FELTING LINTER 1 TO 7	LB	288	24	3	26	3			4	1,292
3003021	COTTON LINTERS, OTHER	LB	113	1,164	262	1,198	262				
4523400	LEMON OIL	LB	46	195	1,234	285	1,052	6	147	738	169
4524400	ORANGE OIL	LB	114	102	253	111	247	0	2	1	7
7482500	FLOWERS, CUT NATURAL, DRIED		143	0	170	7	7	1	3	12	14
											3
	TOTALS FOR U KING				$363,879	724,994	$218,667	27,408	$79,570		$109,991

USSR COUNTRY RANK 5

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	7	0	100			3	100		
1181200	INFNTS DIET SUPP, DRY MILK	LB	5	3,481	4,267	905	859				
1303465	YELLOW CORN, NOT DONATED	BU	2	202,763	381,460	11,354,763	381,460				
1306540	WHEAT, UNMILLED, NOT DONATED	BU	1	176,754	389,148	10,605,219	389,148			2,812	6,053
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	3	16,790	27,360	17,673	27,360			16,790	27,360
1775640	TALLOW, INEDIBLE	LB	4	120,984	18,787	120,984	18,787				
1829742	VEG FLOURS & GRITS, DEFATTED	LB	8	179	22						
1911520	BULL SEMEN (BOVINE)		6	0	535			5	535		227
	TOTALS FOR USSR				$821,680	22,099,543	$817,614	8	$635		$33,640

VENEZ COUNTRY RANK 18

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1000210	CHICKENS, BREEDER STOCK, EGG	NO	24	82	645			10	645		
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	14	377	1,945			29	1,945		
1000240	CHICKENS, LIVE, EXC BREEDER	NO	51	161	173			9	173		
1004160	CATTLE, DAIRY, BREEDING, MALE	NO	39	0	361	13	21	134	340		
1004180	CATTLE, DAIRY, BREEDING, FEMALE	NO	7	3	4,468	2,284	3,468	612	1,001		
1004190	CATTLE, LIVE, NOT FOR BREEDING	NO	20	0	780	400	700	72	80		
1007100	HORSES FOR BREEDING	NO	45	0	209			79	209		
1007200	HORSES, NSPF, MULES, LIVE, ETC	NO	76	0	60			58	60		
1008300	SWINE, LIVE	NO	35	1	372			75	372		
1009640	LIVE ANIMALS, NSPF		124	0	4			0	4		
1054160	CHICKEN PIECES, FRESH, ETC	LB	129	2	3			2	3		
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	4	23,561	16,672	24,116	16,672				
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	116	2	8			2	8		
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	48	135	194	135	194				
1070100	SAUSAGES, ETC, CANNED	LB	79	56	53			61	53		
1076600	MT & EDBL OFFL, PREP EX CANND	LB	84	26	45			30	45		
1160100	BUTTER	LB	138	1	2			1	2		
1163000	MARGARINE, INCLDNG OLEO	LB	136	8	2			9	2		
1171700	CHEDDAR CHEESE	LB	81	18	52	21	52				
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	105	11	12	12	12				
1178600	CHEESES, NSPF	LB	100	15	20			21	20		
1180500	WHEY, DRIED	LB	19	1,377	808	1,445	808				
1181200	INFNTS DIET SUPP, DRY MILK	LB	135	2	2	2	2				
1186000	MILK PRODUCTS, NSPF		91	0	29	21	29				
1195100	SHELL EGGS FOR HATCHING	DOZ	21	473	760			865	760		
1195300	EGGS IN THE SHELL, NSPF	DOZ	71	13	79			22	79		
1196520	EGG ALBUMEN(WHITES), DRIED	LB	104	11	13	11	13				
1196540	WHL EGGS, OR YLKS, N/SHLL, DRD	LB	66	29	96	31	96				
1201400	CATTLE HIDES, WHOLE	PC	10	54	2,826	2,951	2,826				
1202092	PIG AND HOG SKINS	NO	43	50	250	879	250				
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		102	0	16			5	16		
1255200	FRUIT AND NUT PLANTS, ETC		62	0	112	78	90	9	22		
1258100	LIVE PLANTS, NSPF		83	0	45			30	45		
1260120	ALFALFA SEED, UNCERTIFIED	LB	111	12	10	12	10				
1260140	ALFALFA SEED, CERTIFIED	LB	126	2	3			2	3		
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	121	1	4	2	4			1	4
1265700	MILLET	LB	130	44	3	44	3				
1266100	ONION SEED	LB	108	1	11	1	8	0	3	1	8
1267100	PEPPER SEED	LB	109	1	11	1	11			1	11
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	113	2	9	2	9				
1271510	CANTALOPE SEED	LB	72	22	73	21	60	7	13	4	21
1271530	LETTUCE SEED	LB	133	0	2	1	2			0	2
1271560	TOMATO SEED	LB	122	0	4	0	4			0	4

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TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY

QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1271570	WATERMELON SEED	LB	89	7	33	10	33			7	33
1271580	VEGETABLE SEEDS, NSPF	LB	15	309	1,859	397	1,839	1	20	75	404
1271590	SEEDS, NSPF	LB	28	178	589	178	542	9	47		
1303420	SWEET CORN SEED, NOT DONATED	LB	94	13	25	14	25				
1303440	CORN SEED,EXC SWT,NT DONATED	LB	75	20	60	20	60				
1304020	GRAIN SORGHUM SEED	LB	12	5,403	2,359	5,433	2,337	19	22		
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	2	36,395	75,209	2,038,166	75,209				
1305000	RICE, PADDY OR ROUGH	LB	123	0	4			0	4		
1305540	RICE,HUSKED,BROWN,MED. GRAIN	LB	107	33	12			33	12		
1305560	RICE,HUSKED,BRWN,SHORT GRAIN	LB	137	23	2	24	2				
1306540	WHEAT,UNMILLED,NOT DONATED	BU	1	19,690	76,047	1,181,389	76,047				
1314040	WHEAT FLOUR,NSPF NT DONATED	CWT	63	3	102	279	102				
1321700	MALTS	LB	131	1	3	1	3				
1322700	MALT EXTRACT	LB	33	547	404	556	401	21	3		
1324020	CORNSTARCH, INCLUDING MILO	LB	88	60	35	60	35				
1324040	STARCHES, NSPF	LB	47	351	198	356	196	5	2		
1355900	VEGETABLES,NSPF,FRH OR CHLD	LB	132	2	2			3	2		
1383000	PEAS, FROZEN	LB	18	1,589	1,057	1,627	1,057				
1400300	GR NRTN BNS,X SEEDS,DRD,ETC	LB	22	2,922	758	2,932	758				
1400800	PINTO BEANS,EX SEEDS,DRD,ETC	LB	69	360	81	363	81				
1401200	RD KDNY BNS,EX SEEDS,DRD,ETC	LB	50	798	187	802	187				
1401500	WHT BNS,NSPF,X SEEDS,DRD,ETC	LB	37	1,110	368	1,110	368			44	12
1401800	BEANS,NSPF,EX SEEDS,DRD,ETC	LB	13	9,587	2,347	9,431	2,307			131	29
1402920	BLACKEYE COW PEAS X SEED,DRY	LB	73	220	66	220	66				
1402940	PEAS,NSPF,EXC SEEDS,DRD,ETC	LB	68	343	82	345	82				
1403300	PEAS, SEED	LB	77	360	59	363	59				
1403500	LENTILS,DRIED,ETC	LB	67	926	94	731	94				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	125	1	4	1	4				
1405100	GARLIC,DRIED,ETC.,EXC. FLOUR	LB	40	247	324	265	324			144	201
1407100	VEGETABLES REDUCED TO FLOUR	LB	126	1	3	1	3				
1410100	ASPARAGUS,CND,EXCL. PICKLED	LB	114	5	9	4	2	1	7		
1410320	DRY BEANS,CND,EXCL. PICKLED	LB	119	16	5	19	5				
1410340	BEANS,CND,NSPF,EXCL. PICKLED	LB	80	56	52	67	52				
1413200	VEGETABLES,CND,EX PCKLD,NSPF	LB	115	27	9	34	9				
1442500	MUSHROOMS, CANNED	LB	134	2	2	2	2				
1451200	ALMONDS,NOT SHLLD OR ROASTED	LB	59	83	120	88	120			43	65
1452800	WALNUTS,NOT SHLLD OR ROASTED	LB	46	225	205	234	205			54	57
1454300	ALMONDS,SHELLED,NOT BLANCHED	LB	29	324	573	335	573			76	126
1455100	WALNUTS,SHELLED,NOT BLANCHED	LB	44	184	212	196	212			85	136
1456100	ALMONDS, PREPARED, PRESERVED	LB	98	13	21	11	12	3	9		
1497000	STRAWBERRIES, FROZEN	LB	106	40	12	40	12				
1506500	GRAPES (RAISINS), DRIED	LB	23	1,167	689	1,235	689			522	307
1508000	PRUNES, DRIED	LB	31	663	541	707	541			434	358
1508500	FRUITS, DRIED, NSPF	LB	78	66	58	72	58			15	11
1516000	PEACHES AND NECTARINES, PREP	LB	118	33	6	39	6				
1519500	FRUIT MIXTURES, NSPF, PREP	LB	101	3	17	3	17				
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	58	240	123	254	123				
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	126	1	3	1	3				
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	87	28	36	20	21	11	15		
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	103	27	14	27	14				
1616100	MUSTARD SEEDS	LB	97	99	24	99	24				
1618100	RED PEPPER	LB	96	17	25	24	25				
1621700	SPICE AND SPICE SEEDS, NSPF	LB	27	426	591	376	360	90	232		
1651700	GRAPE JUICE NOT CONCENTRATED	GAL	141	1	2	5	2				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	143	1	2	7	2				
1658000	GRAPE JUICE CONCNTRTD NOT FZ	SSG	144	1	2			2	2		
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	140	1	2	5	2				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	74	12	64	164	64				
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	49	33	189	313	189				
1751500	COTTONSEED	LB	112	58	9	5	2	11	2		
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	92	1	26			17	26		
1761820	COTTONSEED OIL, CRUDE	LB	32	2,191	465	2,191	465				
1761840	COTTONSEED OIL, ONCE-REFINED	LB	3	102,087	20,241	102,087	20,241				
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	85	33	45	36	45				
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	70	113	79	124	79				
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	56	127	129	142	129				
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	95	109	25	115	25				
1775620	TALLOW, EDIBLE	LB	34	2,205	380	2,205	380				
1775640	TALLOW, INEDIBLE	LB	5	81,445	12,095	81,445	12,095				
1775900	WOOL GREASE	LB	65	66	101	64	94	8	7		
1777385	YELLOW GREASE	LB	16	10,936	1,305	10,936	1,305				
1777390	OTHER TALLOW, NSPF	LB	99	18	20	19	20				
1786000	SALAD & COOKING OIL, MIXTURE	LB	145	0	2			0	2		
1787020	BAKING FATS, MIX OF VEG OILS	LB	90	36	31	40	31				
1787040	BAKNG/FRYNG FATS,NT ALL VEG	LB	93	22	25	24	25				
1789000	ANML FATS & OILS,MIXTRS,NSPF	LB	54	165	147	183	147				
1827000	WILD RICE CRUDE OR PROCESSED	LB	142	2	2			2	2		
1829740	MIXED SEASONINGS	LB	60	70	119	77	116	1	3		
1829752	VEGETABLE PROTEIN ISOLATES	LB	8	2,779	3,287	2,849	3,287				
1829754	VEG PRO CONCENTRATES, ETC	LB	25	511	631	552	627	5	5		
1829760	EDIBLE PREP, NSPF, CANNED	LB	110	17	10	19	10				
1829770	EDIBLE PREP, NSPF, FROZEN	LB	139	2	2			2	2		
1829780	EDIBLE PREPARATIONS, NSPF	LB	41	245	312	300	302	1	10		
1841060	BRAN,ETC FRM MLLNG GRN,NSPF	STN	86	1	42	1,827	42				
1848015	ALFALFA MEAL, DEHYDRATED	STN	52	1	165	1,102	165				
1848034	PET FOOD NSPF, RETAIL SALE	LB	42	214	276	287	276				
1848035	POULTRY FEEDS, PREPARED	STN	26	1	615	2,425	613	1	2		
1848040	DAIRY CATTLE FEED, PREPARED	STN	64	1	102	1,150	102				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	36	1	369	1,809	369				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	30	2	552	4,088	552				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	117	0	6			0	6		
1865700	HAIR AND BRISTLES, NSPF	LB	82	10	51	10	51				
1911520	BULL SEMEN (BOVINE)		11	0	2,461			35	2,461		
1912520	PANCREAS GLANDS		57	0	127			23	127		

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TABLE 7

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY	VESSEL VALUE	AIR QTY	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
						,000 LBS		,000 LBS			
1920600	SEAWEED AND CARRAGEENIN	LB	17	224	1,157	210	1,015	29	142		
1922520	HOP PELLETS	LB	61	15	116	15	116				
1923200	HOP EXTRACT AND LUPULIN	LB	9	274	2,947	45	367				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	38	75	366	67	318	14	48		
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	6	11	4,980	5,505	4,980			11	4,980
4523400	LEMON OIL	LB	55	39	144	43	138	1	6		
4524400	ORANGE OIL	LB	53	32	161	36	161				
7482900	OTHER DRIED PLANTS, N S P F		120	0	5	6	5				
	TOTALS FOR VENEZ				$251,350	3,503,977	$239,599	2,496	$9,126		$6,770
	W GERM COUNTRY RANK 8										
1000210	CHICKENS, BREEDER STOCK, EGG	ND	220	4	19			0	19		
1000230	CHICKENS, BREEDER STOCK, MEAT	ND	197	8	31			1	31	8	31
1000240	CHICKENS, LIVE, EXC BREEDER	ND	223	48	15			6	15		
1004120	CATTLE, BEEF, BREEDING, MALE	ND	182	0	43			12	43		
1007100	HORSES FOR BREEDING	ND	62	0	861			110	861	0	14
1007200	HORSES, NSPF, MULES, LIVE, ETC.	ND	33	0	2,127			75	2,127	0	59
1009640	LIVE ANIMALS, NSPF		70	0	776			59	776		71
1054140	CHICKENS, EX YOUNG, WHOLE	LB	187	27	40	27	40				
1054160	CHICKEN PIECES, FRESH, ETC	LB	72	2,400	748	2,463	748				
1055120	TURKEYS, WHOLE, FRESH, ETC	LB	226	39	13	36	10	5	3		
1055140	TURKEY PIECES, FRESH, ETC	LB	34	4,653	1,897	4,760	1,897				
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	136	153	128	161	128				
1057100	POULTRY LIVERS, FRESH, ETC	LB	105	753	304	778	304				
1058300	BIRD MEAT, PREP, EX CANNED	LB	134	166	136	175	136				
1061025	BEEF, CRCSS, W/BONE, FRESH, ETC	LB	43	415	1,400	402	1,300	26	101		
1061060	BEEF CRCSS, W/O BONE, FRESH	LB	29	1,071	2,536	880	1,762	249	774		
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	238	2	8			2	8		
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	67	534	788	248	447	253	264	28	34
1068200	BEEF TONGUES, FRESH, ETC	LB	246	4	5	4	5				
1068600	BEEF OFFAL, NSPF, FRESH, ETC	LB	98	371	399	351	391	32	8		
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	178	124	47	132	47				
1070200	SAUSAGES, ETC, EXC CANNED	LB	202	32	28	41	28			32	28
1073820	BEEF, EX CRCSS, FRESH, ETC	LB	142	27	102	20	53	9	49		
1074200	BEEF AND VEAL, CANNED	LB	239	13	8	16	8				
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	198	11	29	14	17	1	11		
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	258	1	2			1	2		
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	231	4	10	6	10				
1155040	NONFAT DRY MILK, NOT DONATED	LB	58	1,681	939	1,244	197				
1155700	DRIED MILK AND CREAM, NSPF	LB	203	59	27			20	6		
1171700	CHEDDAR CHEESE	LB	213	2	20	2	20				
1178600	CHEESES, NSPF	LB	241	1	7	1	7				
1180500	WHEY, DRIED	LB	164	59	64	44	51	15	13	44	51
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	205	14	27	13	22	5	5		
1182500	ICE CREAM	GAL	127	59	151	161	146	7	5		
1186000	MILK PRODUCTS, NSPF		212	0	22	10	22				
1195100	SHELL EGGS FOR HATCHING	DOZ	91	124	486			214	486		
1195300	EGGS IN THE SHELL, NSPF	DOZ	122	42	182	52	182				
1196520	EGG ALBUMEN(WHITES), DRIED	LB	93	246	457	265	457				
1196540	WHL EGGS, OR YLKS, N/SHLL, DRD	LB	77	318	645	336	645				
1197020	EGG ALBUMEN(WHITES), EX DRIED	LB	193	12	35	12	35				
1197040	WHL EGG OR YLK, N/SHLL, EX DRD	LB	196	37	32	39	32				
1201400	CATTLE HIDES, WHOLE	PC	31	54	2,381	1,375	1,173	3	2		
1201755	CATTLE HIDE CROUPONS ETC	PC	181	1	43	10	43				
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	180	69	44			69	44		
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	118	18	195	155	195			18	195
1202092	PIG AND HOG SKINS	ND	146	35	92	117	85	9	7		
1202095	OTHER HIDES AND SKINS, NSPF	ND	44	0	1,319	38	15	62	921		
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	ND	48	190	1,204	504	980	26	216	23	205
1253100	BULBS, ROOTS, ROOTSTOCKS, ETC		150	0	82	45	78	2	4		2
1258100	LIVE PLANTS, NSPF		49	0	1,202	616	479	79	723		512
1260120	ALFALFA SEED, UNCERTIFIED	LB	236	6	9			1	2	1	2
1260140	ALFALFA SEED, CERTIFIED	LB	245	3	5						
1260300	SUGAR BEET SEED	LB	191	50	37	49	35				
1261700	SEED, CARROT	LB	144	50	6	7	11				
1264100	FLOWER SEED	LB	47	51	1,208	39	281	6	802	38	658
1265700	MILLET	LB	35	24,593	1,888	40	3				
1267300	RADISH SEED	LB	234	9	9	11	9				
1268700	TREE AND SHRUB SEEDS	LB	102	22	364			15	273	5	35
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	115	175	223	136	166			62	82
1271510	CANTALOPE SEED	LB	235	3	9	3	9				
1271515	CUCUMBER SEED	LB	190	11	39	12	39			11	39
1271545	SQUASH SEED	LB	227	2	13	2	13			2	13
1271580	VEGETABLE SEEDS, NSPF	LB	74	391	731	320	619	11	35	31	245
1271590	SEEDS, NSPF	LB	86	82	550	54	119	5	155	44	218
1301700	BUCKWHEAT AND CANARY SEED	LB	120	460	190						
1303420	SWEET CORN SEED, NOT DONATED	LB	99	188	393	191	393				
1303440	CORN SEED, EXC SWT, NT DONATED	LB	125	457	158	43	16				
1303465	YELLOW CORN, NOT DONATED	BU	24	1,464	3,088	81,850	3,080				
1303475	CORN, NSPF, NOT DONATED	BU	37	648	1,736	36,312	1,736				
1304020	GRAIN SORGHUM SEED	LB	147	303	89	194	73				
1305000	RICE, PADDY OR ROUGH	LB	192	397	37	327	30			325	30
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	38	20,505	1,704	20,505	1,704			18	6
1305560	RICE, HUSKED, BRWN, SHORT GRAIN	LB	244	17	6	17	6			17	6
1306540	WHEAT, UNMILLED, NOT DONATED	BU	171	10	52						
1313015	LG GR PRBL HD RICE, NT RELIEF	LB	17	39,817	3,551	39,872	3,551				
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	41	17,762	1,481	17,776	1,481				
1313040	HD RICE, MD GRN, X PRBL, NT DON	LB	100	2,820	386	2,866	386			2,352	313
1313050	HD RICE, SH GRN, X PRBL, NT DON	LB	215	101	19	103	19			101	19

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1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL		VESSEL		AIR		CAL PORTS	
				QUANTITY	VALUE	QUANTITY	VALUE	QTY	VAL	QUANTITY	VALUE
						,000 LBS		,000 LBS			
1313060	HD RICE, MX GRN, X PRBL, NT DON	LB	243	38	6	38	6			38	6
1313070	BROKEN RICE, NOT DONATED	LB	253	43	2	43	2				
1314020	DRM FLR & SEMOLINA, NT DNATED	CWT	221	1	17	112	17				
1314040	WHEAT FLOUR, NSPF NT DONATED	CWT	214	2	20	143	16				
1314090	WHEAT, MILLED, NSPF	CWT	257	0	2			4	2		
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	204	3	27	317	27			3	25
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	195	5	32						
1324020	CORNSTARCH, INCLUDING MILO	LB	57	2,617	948	11	5	22	6		
1324040	STARCHES, NSPF	LB	158	118	69			39	15		
1351800	ASPARAGUS, FRESH OR CHILLED	LB	189	33	39			38	39	33	39
1354700	PEPPERS, FRESH OR CHILLED	LB	216	120	19	130	19				
1355300	TOMATOES, FRESH OR CHILLED	LB	248	9	3			9	3	9	3
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	151	88	81			92	81	29	23
1382000	CORN, SWEET, FROZEN	LB	148	282	89	158	59				
138[illegible]000	VEGETABLES, NSPF, FROZEN	LB	199	47	29	53	29			30	20
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	66	4,231	794	429	69				
1400540	LIMA BEANS, OTHER THAN BABY	LB	229	44	11	44	11				
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	88	2,898	513						
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	179	221	45						
1401200	RD KDNY BNS, EX SEEDS, DRD, ETC	LB	63	2,758	854	1,187	365			1,101	345
1401500	WHT BNS, NSPF, X SEEDS, DRD, ETC	LB	123	1,120	177	1,122	177			188	29
1401800	BEANS, NSPF, EX SEEDS, DRD, ETC	LB	116	959	218	251	107			249	107
1402920	BLACKEYE COW PEAS X SEED, DRY	LB	233	39	9	39	9			39	9
1402940	PEAS, NSPF, EXC SEEDS, DRD, ETC	LB	131	835	142	860	142			835	142
1403100	BEANS, SEED	LB	96	839	443	853	443			313	161
1403300	PEAS, SEED	LB	78	984	638	1,000	638			53	34
1403500	LENTILS, DRIED, ETC	LB	87	2,369	514	1,928	370				
1404100	LEG. VEGS NSPF EX FLOUR, DRY	LB	222	25	17						
1405100	GARLIC, DRIED, ETC., EXC. FLOUR	LB	81	753	604	813	604			721	582
1405300	ONIONS, DRIED, ETC., EXC. FLOUR	LB	13	5,737	4,796	6,086	4,796			4,991	4,101
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	56	429	980	500	969	1	11	407	967
1407100	VEGETABLES REDUCED TO FLOUR	LB	68	490	782	138	192	337	578	130	192
1410320	DRY BEANS, CND, EXCL. PICKLED	LB	201	87	28	100	28			87	28
1410500	CORN, CANNED, EXCL. PICKLED	LB	9	30,539	9,939	264	78				
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	169	33	58			33	58		
1412240	TMTO SC, EX CTSP & CHILI SC	LB	230	35	11	39	11			35	11
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	218	61	19	21	9				
1417500	VEGETABLES, PREP, PRES, NSPF	LB	82	561	599	608	599				
1441000	MUSHROOMS, FRESH	LB	165	25	62			1	32	1	32
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	138	128	122	80	69	6	5		
1451200	ALMONDS, NOT SHLLD OR ROASTED	LB	152	107	81	111	81			44	33
1452200	PECANS, NOT SHELLD OR ROASTED	LB	97	432	412	440	412				
1452800	WALNUTS, NOT SHLLD OR ROASTED	LB	4	23,248	19,230	23,998	19,230			8,146	7,065
1453520	PISTACHIOS, NT SHLD OR RSTD	LB	104	128	324	134	324			56	123
1454300	ALMONDS, SHELLED, NOT BLANCHED	LB	1	66,816	100,808	69,661	100,808			44,864	69,278
1454900	PECANS, SHELLED, NOT BLANCHED	LB	132	83	139	88	139				
1455100	WALNUTS, SHELLED, NOT BLANCHED	LB	16	2,742	3,794	2,994	3,781	7	12	2,136	3,013
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	172	26	51	35	51			5	25
1456100	ALMONDS, PREPARED, PRESERVED	LB	3	15,337	27,165	16,336	27,122	18	44	9,714	16,960
1457520	PISTACHIOS, PREP OR PRESRVD	LB	155	22	74	33	74			20	71
1457542	MACADAMIA, PREP OR PRESERVED	LB	141	17	103	19	103			8	53
1457547	OTHER NUTS, PREP OR PRESERVED	LB	119	181	192	206	192			63	102
1459000	MIXTURES OF EDIBLE NUTS	LB	251	1	3	1	3				
1461000	APPLES, FRESH	LB	103	2,746	348	2,952	329	21	14		
1463500	AVOCADOS, FRESH	LB	185	79	40	29	19	54	21	23	9
1465500	STRAWBERRIES, FRESH	LB	92	600	484			675	484	466	376
1466500	BERRIES, FRESH, NSPF	LB	110	406	251	268	180	77	53	15	27
1468520	CHERRIES, SWEET, FRESH	LB	64	1,607	810			35	36	25	30
1471500	GRAPEFRUIT, FRESH	LB	14	23,683	4,780	24,495	4,780				
1472200	LIMES, FRESH	LB	237	51	9			53	9		
1473120	TANGERINES, FRESH	LB	166	272	61	281	61			78	17
1473140	ORANGES, FRESH, NSPF	LB	175	149	50	163	50			114	37
1476500	GRAPES, FRESH	LB	61	1,027	863	527	318	638	545	517	462
1482700	MELONS, FRESH, NSPF	LB	194	93	34	47	25	50	9		
1487500	PEACHES & NECTARINES, FRESH	LB	174	149	50	126	39	39	11	149	50
1488500	PEARS, FRESH	LB	106	1,506	284	1,604	275				
1491700	PRUNES AND PLUMS, FRESH	LB	139	227	120	61	25	190	95	193	111
1493050	KIWIFRUIT, FRESH	LB	60	951	925	1,089	925			332	294
1493060	OTH FRSH ED FRUIT EXCL PAPAY	LB	206	62	26	58	23	11	4		
1497000	STRAWBERRIES, FROZEN	LB	176	58	49			58	49	58	49
1497500	BERRIES, FROZEN, NSPF	LB	90	1,196	498	1,198	472	23	26	15	24
1498520	CHERRIES, SWEET, FROZEN	LB	209	44	26						
1499000	FRUITS, FROZEN, NSPF	LB	168	117	58	119	58			73	34
1501200	APPLES, DRIED	LB	173	43	51	46	51			33	36
1502200	APRICOTS PEACHES PEARS DRIED	LB	95	395	449	420	441	4	7	324	376
1504500	DATES, DRIED	LB	161	68	67	68	58	8	9	68	67
1505200	FIGS, DRIED	LB	224	14	14	15	14			14	14
1506500	GRAPES (RAISINS), DRIED	LB	7	18,833	13,887	20,753	13,887			16,901	11,280
1508000	PRUNES, DRIED	LB	6	18,308	14,342	19,966	14,342			16,153	12,622
1508500	FRUITS, DRIED, NSPF	LB	117	226	204	251	204			226	204
1509000	MIXTURE, 2 OR MORE DRY FRUIT	LB	186	42	40	45	40			41	34
1512000	MARASCHINO CHERRIES, PREP	LB	211	59	23	72	23			59	23
1512520	CHERRIES, SWEET, NSPF, PREP	LB	133	322	138	32	23				
1513000	BERRIES, PREPARED OR PRES	LB	255	14	2	16	2			14	2
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	225	44	14	46	14				
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	259	3	2			3	2		
1515000	OLIVES, CANNED	LB	232	10	10	15	10			10	10
1516000	PEACHES AND NECTARINES, PREP	LB	208	42	26	42	26			42	26
1518500	FRUIT NSPF, PREP, PRESERVED	LB	84	802	570	900	570			802	570
1519500	FRUIT MIXTURES, NSPF, PREP	LB	157	217	71	255	71			108	44
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	22	11,273	3,253	11,426	3,226			9,387	2,706
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	46	6,379	1,232	6,972	1,232				
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	249	3	3			4	3		
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	26	7,703	2,846	92,434	2,846				

-- W GERM CONTINUED ON NEXT PAGE --

TABLE 7.

1987 ANNUAL EXPORTS BY COUNTRY
QUANTITY AND VALUE IN THOUSANDS

SCHED B NUMBER	COMMODITY DESCRIPTION	U/M	RANK	U S TOTAL QUANTITY	U S TOTAL VALUE	VESSEL QUANTITY ,000 LBS	VESSEL VALUE	AIR QTY ,000 LBS	AIR VAL	CAL PORTS QUANTITY	CAL PORTS VALUE
1557000	HONEY	LB	28	4,822	2,542	1,843	828			458	265
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	80	663	611	544	421	29	21		
1618100	RED PEPPER	LB	254	1	2	2	2			1	2
1621700	SPICE AND SPICE SEEDS, NSPF	LB	42	733	1,470	820	1,441	7	29	324	928
1650500	GRAPEFRT JUICE NOT CONCNTRTE	GAL	113	155	233	1,464	233				
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	153	40	80	180	80				
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	160	12	67	82	67			3	22
1653100	GRPFRT JUICE, CONCNTRTD, FRZ	SSG	55	585	985	1,128	985			152	213
1653320	ORANGE JUICE CONC FZ UND32OZ	SSG	162	24	66	41	66				
1653340	ORANGE JUCE CONC FZ 32-128OZ	SSG	54	609	985	1,427	985				
1653360	ORANGE JUICE CONC FZ OV 1GAL	SSG	21	3,504	3,366	9,397	3,366			2,891	2,362
1654120	LEMON JUICE, CONC, FRZN	SSG	210	19	25	37	25			19	25
1654140	CITRUS JUICES NSPF, CONC, FZ	SSG	156	178	72	302	72				
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	198	16	39	56	37	1	2		
1657400	ORANGE JUICE CONCTRTD NT FZ	SSG	89	363	499	882	499				
1657700	CITRUS JUICE NSPF CONC NT FZ	SSG	140	59	107	117	107			56	99
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	109	264	261	430	257	4	4	255	245
1663020	TOMATO JUICE & MIX VEG JUICE	GAL	247	1	4	15	4			1	4
1663040	VEGETABLE JUICES, NSPF	GAL	183	23	42	13	10	241	32		
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	170	13	57	124	57				
1673100	STILL WINE NT OV 14% ALCOHOL	WG	52	157	1,050	1,386	1,016	31	24	140	904
1674300	WINE NSPF FROM FR GRAPE/MUST	WG	126	22	152	316	147	7	5	22	150
1675140	ALCOHOLIC BEV FERMENTED NSPF	GAL	207	5	26	37	26				
1751800	FLAXSEED (LINSEED)	LB	167	1,021	58						
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	11	32,050	7,961	80	28				
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	121	450	187	424	168	7	5	369	144
1769150	SAFFLOWER SEED OIL, UNMIXED	LB	69	2,063	782	2,068	782			949	342
1769180	JOJOBA OIL, UNMIXED	LB	94	101	449	109	373	17	76	89	359
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	76	903	661	929	594	37	47	723	509
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	260	5	2	5	2				
1775640	TALLOW, INEDIBLE	LB	25	25,480	2,875	25,485	2,875				
1775900	WOOL GREASE	LB	124	128	170						
1777360	CHOICE WHITE GREASE	LB	149	848	89	848	89				
1777390	OTHER TALLOW, NSPF	LB	65	1,523	807	1,672	807			925	672
1783540	COTTONSEED OIL, HYDROGENATED	LB	128	290	145	324	145				
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	108	227	264	164	162	10	6		
1787020	BAKING FATS, MIX OF VEG OILS	LB	143	154	76	35	26				
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	130	179	142	195	140	1	2		
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	114	255	229	133	144			30	21
1825120	SOUPS, DRIED OR DEHYDRATED	LB	159	29	68	30	68			3	2
1825140	SOUPS, N S P F	LB	250	1	3	3	3				
1827000	WILD RICE CRUDE OR PROCESSED	LB	154	71	79	4	20				
1829420	POTATO CHIPS AND STICKS	LB	219	16	19	19	19				
1829740	MIXED SEASONINGS	LB	111	60	242	52	122	2	4		
1829742	VEG FLOURS & GRITS, DEFATTED	LB	242	54	7						
1829752	VEGETABLE PROTEIN ISOLATES	LB	45	1,582	1,307	42	37				
1829754	VEG PRO CONCENTRATES, ETC	LB	112	388	240			21	10		
1829760	EDIBLE PREP, NSPF, CANNED	LB	163	46	66	52	66				
1829780	EDIBLE PREPARATIONS, NSPF	LB	83	388	592	324	436	15	80	48	115
1841040	RICE BY-PRODUCTS, ANIMAL FEED	STN	200	0	29	520	29				
1842000	BEET PULP, DRIED	STN	36	18	1,749	36,651	1,749				
1842500	BREWERS' GRAINS, MALT SPROUT	STN	23	35	3,145	70,696	3,145				
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	18	46	3,466	91,629	3,466				
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	145	1	94	2,205	94				
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	228	0	11	116	11				
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	27	16,110	2,647	16,697	2,647				
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	240	20	8	21	8				
1848015	ALFALFA MEAL, DEHYDRATED	STN	101	3	367	6,381	367				
1848032	DOG & CAT FOOD, RETAIL SALE	LB	39	2,329	1,652	1,139	942	14	22	1	15
1848034	PET FOOD NSPF, RETAIL SALE	LB	85	1,078	565	1,147	565				
1848035	POULTRY FEEDS, PREPARED	STN	184	0	42	243	42				
1848040	DAIRY CATTLE FEED, PREPARED	STN	79	5	625	10,977	625				
1848045	LIVESTOCK FEED, PREP, NSPF	STN	12	36	5,371	68,537	4,985	2	5		
1848070	CITRUS PULP PELLETS	STN	8	115	11,520	230,826	11,520				
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	30	15	2,495	2,894	175				
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	19	486	3,442	257	828	10	69		
1865700	HAIR AND BRISTLES, NSPF	LB	73	263	744	100	591	37	38		
1911520	BULL SEMEN (BOVINE)		20	0	3,375			22	3,375		2,100
1912520	PANCREAS GLANDS		107	0	281	292	281				
1912540	HOOVES, ANTLERS, NAILS, CLAWS		252	0	3			0	3		
1912550	ANIMAL PRODUCTS, CATTLE EMB		51	0	1,097			8	1,097		
1912570	ANIMAL PRODUCTS, NSPF		50	0	1,143	305	724	9	419		297
1920600	SEAWEED AND CARRAGEENIN	LB	177	13	49	9	34	5	14		
1921120	CUT FLOWERS, FRSH SPRAYS ETC		40	0	1,580	136	88	1,310	1,489		2
1921140	FOLIAGE, ORNAMENTAL PURPOSES		10	0	8,957	5,367	4,771	3,779	4,120		4
1922520	HOP PELLETS	LB	217	11	19	11	17				
1922540	HOPS, OTHER	LB	59	491	928						
1923200	HOP EXTRACT AND LUPULIN	LB	71	150	773	92	380				
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	15	7,118	3,876	14,063	2,687	53	50	37	50
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	53	3	1,035	1,539	1,035				
3001060	COTTON NT CRD 1 TO 1-1/8 IN	RBA	2	225	70,843	113,757	70,840	4	3	51	18,710
3001550	COTTON OTH, 1-1/8 IN OR MORE	RBA	5	45	16,157	22,574	16,157			18	6,347
3003011	COTTON FELTING LINTER 1 TO 7	LB	256	10	2			11	2		
3003021	COTTON LINTERS, OTHER	LB	32	13,182	2,215	13,423	2,215			1,349	276
4523400	LEMON OIL	LB	137	21	127	23	127			2	18
4524400	ORANGE OIL	LB	75	446	707	495	690	3	17		
7482500	FLOWERS, CUT NATURAL, DRIED		135	0	128	99	127	0	2		14
7482900	OTHER DRIED PLANTS, N S P F		129	0	144	93	71	8	8		41
	TOTALS FOR W GERM				$445,059	1,301,447	$382,685	9,648	$22,127		$171,232

TABLE B. OTHER AGRICULTURAL COMMODITIES EXPORTED THRU U.S. AND CALIFORNIA PORT DISTRICTS, TOTALS NOT LISTED IN TABLE 6., CALENDAR YEAR 1987

SCHEDULE B NUMBER	COMMODITY	U/M	EXPORTS THRU CALIFORNIA PORT DISTRICTS		TOTAL U.S. EXPORTS	
			QUANTITY	VALUE	QUANTITY	VALUE
			,000 UNITS	$,000	,000 UNITS	$,000
1000210	CHICKENS, BREEDER STOCK, EGG	NO	125	278	2,931	12,096
1000230	CHICKENS, BREEDER STOCK, MEAT	NO	53	168	13,937	47,592
1000240	CHICKENS, LIVE, EXC BREEDER	NO	18	47	14,333	7,494
1000260	TURKEYS, LIVE, DOWNY STAGE	NO	58	54	1,052	979
1000280	DUCKS, GEESE, GUINEAS, DOWNY	NO	11	4	271	292
1001000	CHICKENS, DUCKS, ETC. NSPF	NO	246	255	3,688	7,109
1007100	HORSES FOR BREEDING	NO	0	41,011	3	79,546
1007200	HORSES, NSPF, MULES, LIVE, ETC.	NO	0	10,653	17	134,424
1008200	SHEEP, LIVE	NO	0	0	42	2,395
1008300	SWINE, LIVE	NO	0	678	7	6,211
1009620	ANIMALS, LIVE, NSPF FOR FOOD	NO	1	15	81	1,240
1009640	LIVE ANIMALS, NSPF		0	2,007	0	17,495
1056100	BIRD MEAT, NSPF, FRESH, ETC	LB	5,133	3,115	13,394	7,932
1057100	POULTRY LIVERS, FRESH, ETC	LB	3,241	2,202	15,048	7,205
1058100	BIRD MEAT, CANNED	LB	134	276	493	912
1058300	BIRD MEAT, PREP, EX CANNED	LB	1,272	1,192	11,908	11,883
1061080	VEAL, CRCSS, FRESH, CHILLED, ETC	LB	256	682	6,439	6,712
1062500	LAMB, CRCSS, FRESH, CHILLED, ETC	LB	208	711	1,472	2,739
1065100	HORSEMEAT, CRCSS, FRESH, ETC	LB	2,908	1,845	90,650	80,515
1065200	MEAT, CRCSS, NSPF, FRESH, ETC	LB	613	621	9,471	7,456
1068800	VEAL OFFAL, FRESH, CHILLED, ETC	LB	487	412	1,272	1,218
1069000	LAMB OFFAL, FRESH, CHILLED, ETC	LB	731	558	8,971	5,287
1069600	MEAT OFFAL, NSPF, FRESH, ETC	LB	1,631	1,613	17,266	6,459
1070100	SAUSAGES, ETC, CANNED	LB	278	356	2,060	2,234
1070200	SAUSAGES, ETC, EXC CANNED	LB	4,311	5,418	8,042	11,053
1073840	VEAL, EX CRCSS, FRESH, ETC	LB	73	232	256	755
1074200	BEEF AND VEAL, CANNED	LB	225	251	1,448	1,385
1074600	BEEF & VEAL, EX SAUSAGE, NSPF	LB	2,410	7,420	7,270	14,779
1076200	MEAT, NSPF EX CRCSS, FRESH	LB	241	328	4,267	5,011
1076400	MEAT NSPF & EDIBLE OFFAL CND	LB	598	872	1,329	1,536
1076600	MT & EDBL OFFL, PREP EX CANND	LB	1,287	1,258	8,186	8,832
1078000	MEAT EXTRACT, INCLUDING FLUID	LB	1,034	901	3,765	2,435
1150100	MLK & CRM, FLUID, FRSH OR SOUR	GAL	284	894	2,107	5,584
1153000	MILK & CRM, NT SWT(EVAP)CANND	LB	748	424	2,706	1,210
1153500	MILK & CRM, SWT(CONDNSD) CNND	LB	259	75	2,069	803
1154000	MLK & CRM, CNDNS/EVAP, NT CNND	LB	71	23	401	138
1155700	DRIED MILK AND CREAM, NSPF	LB	804	417	8,744	4,681
1160100	BUTTER	LB	189	186	16,473	8,411
1163000	MARGARINE, INCLDNG OLEO	LB	1,142	469	7,754	3,001
1171700	CHEDDAR CHEESE	LB	213	352	6,578	4,589
1178200	AMER TYPE CHEESE, EX CHEDDAR	LB	1,473	1,516	29,038	20,469
1178600	CHEESES, NSPF	LB	657	913	7,505	10,668
1180000	WHEY, FLUID	GAL	0	0	35	195
1181000	YOGURT, OTHER FERMENTD MILK	LB	289	141	2,275	1,267
1181200	INFNTS DIET SUPP, DRY MILK	LB	745	1,398	11,856	16,522
1181700	DIET SUPP, NSPF, MLK BS, ETC	LB	1,431	2,306	5,134	7,651
1182500	ICE CREAM	GAL	1,991	4,436	2,772	6,238
1186000	MILK PRODUCTS, NSPF		0	1,137	0	5,375
1195100	SHELL EGGS FOR HATCHING	DOZ	149	726	19,023	33,526
1195300	EGGS IN THE SHELL, NSPF	DOZ	5,848	3,321	29,558	17,639
1196520	EGG ALBUMEN(WHITES), DRIED	LB	2,016	4,876	6,300	13,516
1196540	WHL EGGS, OR YLKS, N/SHLL, DRD	LB	483	978	2,354	4,135
1197020	EGG ALBUMEN(WHITES), EX DRIED	LB	3,048	1,497	17,534	11,842
1197040	WHL EGG OR YLK, N/SHLL, EX DRD	LB	6,765	4,412	11,299	7,713
1201720	WHOLE CALF SKINS	PC	699	8,491	2,191	27,318
1201740	WHOLE KIP SKINS	PC	414	7,255	874	15,899
1201755	CATTLE HIDE CROUPONS ETC	PC	56	2,018	306	5,572
1201765	BOVINE HIDES, EXC WHOLE, NSPF	LB	8,620	3,776	76,019	15,923
1202022	SHEEP SKNS ETC N/WL ON SKN	PC	4,056	14,860	5,588	23,755
1202044	EQUINE HIDES	LB	6,371	2,532	12,660	4,403
1202047	GOAT AND KID SKINS	PC	41	240	193	962
1202092	PIG AND HOG SKINS	NO	395	1,557	4,875	16,276
1202095	OTHER HIDES AND SKINS, NSPF	NO	0	1,765	0	16,116
1230000	SHEEP, ETC, SKNS, WHL, FOR FURS	NO	420	4,373	1,885	17,812
1260300	SUGAR BEET SEED	LB	13	25	577	1,108
1260500	BEET SEED, EXCEPT SUGAR BEET	LB	24	27	222	403
1261700	SEED, CARROT	LB	183	693	1,643	3,572
1263140	WHITE CLOVER SEED	LB	6	7	386	456
1263200	CLOVER SEED, NSPF	LB	15	11	2,376	997
1265700	MILLET	LB	1,450	119	128,946	8,999
1266100	ONION SEED	LB	390	2,384	927	5,397
1267100	PEPPER SEED	LB	13	89	459	1,331

TABLE 8. OTHER AGRICULTURAL COMMODITIES EXPORTED THRU U.S. AND CALIFORNIA PORT DISTRICTS, TOTALS NOT LISTED IN TABLE 6., CALENDAR YEAR 1987

SCHEDULE B NUMBER	COMMODITY	U/M	EXPORTS THRU CALIFORNIA PORT DISTRICTS QUANTITY ,000 UNITS	EXPORTS THRU CALIFORNIA PORT DISTRICTS VALUE $,000	TOTAL U.S. EXPORTS QUANTITY ,000 UNITS	TOTAL U.S. EXPORTS VALUE $,000
1267300	RADISH SEED	LB	241	363	4,314	5,866
1268100	SPINACH SEED	LB	118	112	2,516	2,703
1268700	TREE AND SHRUB SEEDS	LB	30	359	163	2,003
1271220	SUDAN GRASS SEED	LB	4,247	1,740	5,389	2,308
1271240	GRASS SEEDS, CROP SEEDS NSPF	LB	6,120	4,462	20,488	14,089
1271510	CANTALOPE SEED	LB	61	276	650	2,306
1271515	CUCUMBER SEED	LB	252	1,244	736	4,109
1271530	LETTUCE SEED	LB	102	671	207	1,172
1271545	SQUASH SEED	LB	78	411	796	2,365
1271560	TOMATO SEED	LB	176	1,557	595	5,043
127.570	WATERMELON SEED	LB	728	2,281	1,316	4,352
1301700	BUCKWHEAT AND CANARY SEED	LB	5,621	714	73,669	10,091
1303200	CORN OR MAIZE, DONATED	BU	0	0	4,506	4,776
1303420	SWEET CORN SEED, NOT DONATED	LB	898	1,794	8,371	13,187
1303440	CORN SEED, EXC SWT, NT DONATED	LB	3,761	4,677	71,454	62,994
1303465	YELLOW CORN, NOT DONATED	BU	332	925	1,573,618	3,147,311
1303475	CORN, NSPF, NOT DONATED	BU	29	70	4,013	10,658
1304020	GRAIN SORGHUM SEED	LB	11,857	2,751	50,340	16,303
1304040	GRAIN SORGHUM, EXCEPT SEED	BU	652	1,575	196,285	389,497
1304500	OATS	BU	18	27	653	1,373
1305520	RICE, HUSKED, BROWN, LONG GRAIN	LB	379	62	472,259	43,967
1306000	RYE	BU	19	48	385	876
1312600	OATS, MILLED EX BRKFST CEREAL	LB	0	0	13,924	2,470
1313015	LG GR PRBL HD RICE, NT RELIEF	LB	4,096	803	1,473,840	190,405
1313025	HD RICE NSPF PRBL, NT RELIEF	LB	569	124	22,666	2,697
1313030	HD RICE, LG GRN, X PRBL, NT DON	LB	48,706	6,655	2,164,353	224,600
1314010	DURUM FLOUR & SEMOLINA, DNATD	CWT	0	0	2	18
1314520	FLOUR, NSPF, EXCEPT WHEAT	CWT	15	160	878	8,851
1314540	MILLED GRAIN PRODUCTS, NSPF	CWT	90	839	389	2,858
1321700	MALTS	LB	3,616	855	141,921	15,010
1322700	MALT EXTRACT	LB	144	65	3,151	1,123
1324020	CORNSTARCH, INCLUDING MILD	LB	33,967	4,477	125,263	28,066
1324040	STARCHES, NSPF	LB	4,604	1,731	18,964	7,095
1352100	BEANS, FRESH OR CHILLED	LB	3,316	768	12,255	3,774
1352500	BRUSSEL SPROUTS, FRH OR CHLD	LB	14	10	1,749	468
1353500	DASHEENS, ETC., FRH OR CHILLED	LB	577	116	7,828	1,494
1353700	SWEET CORN, FRESH OR CHILLED	LB	7,043	1,591	31,238	6,935
1353900	CUCUMBERS, FRESH OR CHILLED	LB	115	20	13,582	2,065
1354920	POTATOES, WHITE, FR FOR SEED	LB	0	0	12,125	807
1355900	VEGETABLES, NSPF, FRH OR CHLD	LB	12,622	4,484	93,882	36,459
1362000	CORN, SWEET, FROZEN	LB	988	323	88,730	28,762
1383000	PEAS, FROZEN	LB	2,874	991	27,641	8,172
1387000	VEGETABLES, NSPF, FROZEN	LB	6,929	3,734	50,877	21,772
1400100	BLK BEANS, X SEEDS, DRIED, ETC	LB	725	190	13,793	3,338
1400300	GR NRTN BNS, X SEEDS, DRD, ETC	LB	1,686	473	131,587	31,131
1400700	NAVY/PEA BNS, X SEEDS, DRD, ETC	LB	300	79	166,030	43,290
1400800	PINTO BEANS, EX SEEDS, DRD, ETC	LB	4,150	1,014	211,456	43,017
1403100	BEANS, SEED	LB	5,759	3,875	41,546	20,460
1403300	PEAS, SEED	LB	540	232	30,888	10,516
1403500	LENTILS, DRIED, ETC	LB	4,293	920	64,689	12,526
1404100	LEG VEGS NSPF EX FLOUR, DRY	LB	749	363	3,976	2,536
1405620	POTATO FLAKES, DRY, EX FLOUR	LB	2,502	793	43,749	13,235
1405640	POTATO GRANULES DRY EX FLOUR	LB	146	74	5,028	2,872
1405660	POTATOES, NSPF, DRD, ETC, X FLR	LB	336	207	11,068	3,206
1406100	NONLEG VEG NSPF DRY EX FLOUR	LB	2,389	5,627	3,381	6,433
1407100	VEGETABLES REDUCED TO FLOUR	LB	2,728	2,934	9,981	9,709
1410320	DRY BEANS, CND, EXCL PICKLED	LB	3,169	1,034	5,743	1,684
1410340	BEANS, CND, NSPF, EXCL PICKLED	LB	2,248	1,053	14,335	5,617
1410500	CORN, CANNED, EXCL PICKLED	LB	43,432	13,853	200,442	66,442
1411100	PEAS, EXC COW & CHICKPEAS, CND	LB	1,145	349	3,471	1,013
1413200	VEGETABLES, CND, EX PCKLD, NSPF	LB	4,230	1,836	17,384	17,716
1414200	VEGETABLE BABY FOOD, CANNED	LB	1,635	640	4,184	1,785
1415200	CUCUMBERS, PICKLED, W/NOT, CND	LB	6,581	1,835	24,674	4,073
1415700	VEGETABLES, EX CUCUMBERS, PKLD	LB	578	334	1,807	910
1417500	VEGETABLES, PREP, PRES, NSPF	LB	829	695	11,263	8,724
1441000	MUSHROOMS, FRESH	LB	50	139	2,924	3,725
1442500	MUSHROOMS, CANNED	LB	78	44	478	351
1443500	MUSHROOMS & TRUFFLES, NSPF	LB	40	43	1,213	1,240
1452200	PECANS, NOT SHELLD OR ROASTED	LB	175	211	1,714	1,626
1453540	NUTS, NSPF, NT SHLD OR ROASTED	LB	3,143	4,641	4,753	6,772
1454900	PECANS, SHELLED, NOT BLANCHED	LB	83	192	2,332	4,487
1455740	NUTS, NSPF, SHLLD, NOT BLANCHED	LB	402	903	2,171	3,539

TABLE B. OTHER AGRICULTURAL COMMODITIES EXPORTED THRU U.S. AND CALIFORNIA PORT DISTRICTS, TOTALS NOT LISTED IN TABLE 6., CALENDAR YEAR 1987

SCHEDULE B NUMBER	COMMODITY	U/M	EXPORTS THRU CALIFORNIA PORT DISTRICTS		TOTAL U.S. EXPORTS	
			QUANTITY	VALUE	QUANTITY	VALUE
			,000 UNITS	$,000	,000 UNITS	$,000
1457542	MACADAMIA, PREP OR PRESERVED	LB	172	953	632	3,318
1457545	CASHEWS, PREP OR PRESERVED	LB	78	250	222	685
1457547	OTHER NUTS, PREP OR PRESERVED	LB	2,327	3,503	4,298	6,125
1459000	MIXTURES OF EDIBLE NUTS	LB	815	1,795	2,884	4,287
1466500	BERRIES, FRESH, NSPF	LB	1,646	753	13,553	5,661
1472200	LIMES, FRESH	LB	5,724	1,362	10,109	2,416
1473130	TEMPLE ORANGES, FRESH	LB	22,831	4,632	33,684	7,161
1473500	CITRUS FRUITS, FRESH, NSPF	LB	14,360	5,802	20,456	7,406
1481700	CANTALOUPES, FRESH	LB	828	170	34,321	4,501
1482000	WATERMELON, FRESH	LB	133	34	48,051	3,411
1497500	BERRIES, FROZEN, NSPF	LB	231	162	15,370	5,270
1498520	CHERRIES, SWEET, FROZEN	LB	524	240	3,743	2,226
1499000	FRUITS, FROZEN, NSPF	LB	4,218	1,881	13,092	4,767
1501200	APPLES, DRIED	LB	162	143	2,072	1,386
1508500	FRUITS, DRIED, NSPF	LB	670	678	3,413	3,011
1510500	FRUIT IN BRINE, NSPF	LB	412	445	2,143	1,489
1512000	MARASCHINO CHERRIES, PREP	LB	1,794	1,463	5,391	3,901
1512520	CHERRIES, SWEET, NSPF, PREP	LB	1,823	1,381	8,576	5,721
1513000	BERRIES, PREPARED OR PRES	LB	637	264	3,001	1,330
1514020	GRAPEFRUIT, PREPARED OR PRES	LB	829	555	3,300	1,344
1514040	CITRUS FRUIT NSPF & MIX PREP	LB	688	426	4,345	2,671
1518500	FRUIT NSPF, PREP, PRESERVED	LB	4,185	2,565	12,163	7,158
1522500	FRUIT PEEL CRUDE, PREP, NSPF	LB	20,596	6,094	31,261	9,640
1525500	FRUIT BABY FOOD, CANNED	LB	2,387	944	7,164	3,145
1528000	FRUIT PASTE, PULP, FLOUR ETC	LB	2,436	1,645	20,352	7,045
1533000	JAMS, JELLIES MARMALADES ETC	LB	3,071	2,280	6,027	4,422
1540000	CANDIED GLACE NUTS FRUIT ETC	LB	294	234	19,075	4,495
1551100	SUGAR BEETS AND SUGAR CANE	STN	0	2	14	1,562
1552025	SUGAR, CANE, BEET DRY EDIBLE	LB	316	107	904,484	93,636
1552045	RAW SUGAR, BEET OR CANE	STN	0	52	166	16,127
1553000	LIQUID SUGAR & SUGAR SIRUPS	LTS	50	21	944	244
1553700	SUGAR SIRUP ETC NOT DRY NSPF	GAL	212	171	69,120	25,413
1557000	HONEY	LB	2,506	1,647	12,369	7,865
1557500	SUGAR SIRUP MOLASSES FLAVORD	LB	972	838	10,259	9,797
1604500	COFFEE SUBSTITUTES & MIXTURE	LB	320	314	477	478
1616000	MUSTARD FLOUR & PREP MUSTARD	LB	737	415	2,285	1,143
1516100	MUSTARD SEEDS	LB	29	14	2,602	342
1618100	RED PEPPER	LB	95	121	334	462
1651500	CITRUS JUICE NSPF NT CNCNTRT	GAL	410	765	1,371	2,036
1652600	FRT JUICE NSPF NT CONCENTRTD	GAL	1,432	3,002	8,964	17,687
1656000	FRUIT JUICE NSPF, CONC, FRZN	SSG	322	554	3,989	6,789
1658800	FRUIT JUICES NSPF CONC NT FZ	SSG	1,232	1,393	6,439	9,120
1663040	VEGETABLE JUICES, NSPF	GAL	216	745	679	1,902
1664100	BEVERAGES, NONALCOHOLIC NSPF	GAL	1,716	3,794	4,834	11,478
1675120	CIDER	GAL	12	43	21	110
1683000	BRANDY	PFG	23	316	164	1,872
1751800	FLAXSEED (LINSEED)	LB	0	0	9,441	754
1755120	SUNFLOWER SEED, CONFECTIONERY	LB	254	98	72,806	16,434
1756040	OIL-BEARING NUTS, SEEDS NSPF	LB	21,567	4,329	56,993	8,683
1761860	COTTONSEED SALAD OIL, RELIEF	LB	0	0	1,102	273
1769120	OLIVE, RAPE ETC OIL, UNMIXED	LB	193	188	1,062	768
1769190	VEGETAB. OILS, NSPF, UNMIXED	LB	15,544	7,857	26,099	12,637
1775220	OLEO OIL AND STEARIN, EDIBLE	LB	47	15	1,186	239
1775240	OLEO OIL & STEARIN, INEDIBLE	LB	189	44	1,495	394
1775620	TALLOW, EDIBLE	LB	2,922	505	64,037	11,299
1775640	TALLOW, INEDIBLE	LB	176,957	26,257	2,362,812	362,428
1775900	WOOL GREASE	LB	178	265	990	1,355
1777320	ANHYDROUS MILK FAT	LB	2,942	1,535	14,754	7,357
1777360	CHOICE WHITE GREASE	LB	100	16	7,732	1,061
1777385	YELLOW GREASE	LB	12,288	1,609	76,435	9,699
1777390	OTHER TALLOW, NSPF	LB	4,762	2,852	32,416	10,303
1781120	VEG SALAD OIL HYDRGNTD RELEF	LB	0	0	7,992	3,574
1781140	VEG SALAD OIL, NOT RELIEF	LB	776	267	18,522	4,457
1783560	HYDROGENATED OIL UNMIX, NSPF	LB	2,318	1,136	15,190	6,985
1786000	SALAD & COOKING OIL, MIXTURE	LB	1,096	636	8,320	3,197
1787020	BAKING FATS, MIX OF VEG OILS	LB	2,005	1,020	20,624	9,689
1787040	BAKNG/FRYNG FATS, NT ALL VEG	LB	2,699	484	10,485	4,879
1789000	ANML FATS & OILS, MIXTRS, NSPF	LB	1,351	918	9,962	4,872
1821200	BALLS, ETC, VEG A/OR MT OR FSH	LB	369	420	1,336	1,476
1823120	OATMEAL, ETC, ROLLED, FLKD, ETC	LB	178	69	4,874	1,118
1825120	SOUPS, DRIED OR DEHYDRATED	LB	1,596	1,127	6,305	4,881
1825140	SOUPS, N S P F	LB	17,196	7,366	23,039	10,395

TABLE 8. OTHER AGRICULTURAL COMMODITIES EXPORTED THRU U.S. AND CALIFORNIA PORT DISTRICTS, TOTALS NOT LISTED IN TABLE 6., CALENDAR YEAR 1987

SCHEDULE B NUMBER	COMMODITY	U/M	EXPORTS THRU CALIFORNIA PORT DISTRICTS		TOTAL U.S. EXPORTS	
			QUANTITY	VALUE	QUANTITY	VALUE
			,000 UNITS	$,000	,000 UNITS	$,000
1825600	VINEGAR	GAL	272	521	1,384	1,821
1827000	WILD RICE CRUDE OR PROCESSED	LB	21	31	478	870
1829420	POTATO CHIPS AND STICKS	LB	1,351	2,373	12,408	13,428
1829740	MIXED SEASONINGS	LB	1,501	1,956	7,877	11,996
1829742	VEG FLOURS & GRITS, DEFATTED	LB	1,236	317	13,569	2,805
1829744	VEG FLOUR/GRITS NON-DEFATTED	LB	87	10	1,393	342
1829752	VEGETABLE PROTEIN ISOLATES	LB	13,301	15,993	51,936	48,698
1829754	VEG PRO CONCENTRATES, ETC	LB	5,720	6,208	18,893	15,734
1829760	EDIBLE PREP, NSPF, CANNED	LB	3,438	3,283	22,205	16,526
1829770	EDIBLE PREP, NSPF, FROZEN	LB	3,573	2,367	23,922	19,392
1829780	EDIBLE PREPARATIONS, NSPF	LB	15,634	19,290	156,065	144,067
1841060	BRAN, ETC FRM MLLNG GRN, NSPF	STN	1	304	33	1,713
1842500	BREWERS' GRAINS, MALT SPROUT	STN	0	40	310	32,770
1843600	HAY AND STRAW	STN	215	26,364	376	45,827
1844800	GRAIN HULLS, SCREENINGS, ETC	STN	1	131	504	37,801
1845280	SUNFLWER OIL CAKE, CAKE-MEAL	STN	0	0	61	8,155
1845290	VEGETAB. OIL CAKE, CAKE-MEAL	STN	0	14	57	5,934
1845600	MEAT MEAL & TANKAGE, INEDIBLE	STN	10	2,064	44	9,366
1846620	MEAT, INEDIBLE, FR, CHLD, FZ	LB	208	80	79,196	15,177
1846640	MEAT & OFFAL, INEDIBLE, NSPF	LB	133	92	987	417
1848025	FEATHER MEAL	STN	1	231	24	4,369
1848032	DOG & CAT FOOD, RETAIL SALE	LB	37,399	20,999	130,011	65,253
1848034	PET FOOD NSPF, RETAIL SALE	LB	4,917	2,784	85,775	25,053
1848035	POULTRY FEEDS, PREPARED	STN	15	3,911	307	72,151
1848040	DAIRY CATTLE FEED, PREPARED	STN	23	3,252	40	5,949
1848045	LIVESTOCK FEED, PREP, NSPF	STN	10	4,594	708	96,332
1848070	CITRUS PULP PELLETS	STN	0	28	570	56,343
1848080	OTHER ANIMIAL FEEDS, NSPF	STN	22	4,552	263	41,600
1860500	BIRDS'FEA/DOWN CRUDE/TREATED	LB	2,970	17,828	5,781	34,069
1865700	HAIR AND BRISTLES, NSPF	LB	105	217	2,142	3,454
1912520	PANCREAS GLANDS		0	0	0	2,899
1912540	HOOVES, ANTLERS, NAILS, CLAWS		0	443	0	1,510
1912550	ANIMAL PRODUCTS, CATTLE EMB		0	0	2	3,055
1912570	ANIMAL PRODUCTS, NSPF		0	2,419	0	9,521
1920600	SEAWEED AND CARRAGEENIN	LB	283	1,218	3,934	15,477
1922520	HOP PELLETS	LB	43	73	5,926	10,541
1922540	HOPS, OTHER	LB	49	85	5,686	11,403
1923200	HOP EXTRACT AND LUPULIN	LB	134	1,133	5,588	38,186
1928200	STRAWS, FIBROUS VEG PRODUCTS	LB	60	54	371	569
1932500	VEG SUBSTANCES, CRUDE, NSPF	LB	1,652	800	24,002	11,142
3001030	COTTON NT CRD OR CMB UN 1 IN	RBA	463	90,212	591	114,672
7482500	FLOWERS, CUT NATURAL, DRIED		0	534	0	2,290
7482900	OTHER DRIED PLANTS, N.S.P.F.		0	378	0	1,257

S0850-1.3-U

California Agriculture

Statistical Review

1987

STATE OF CALIFORNIA

George Deukmejian
Governor

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

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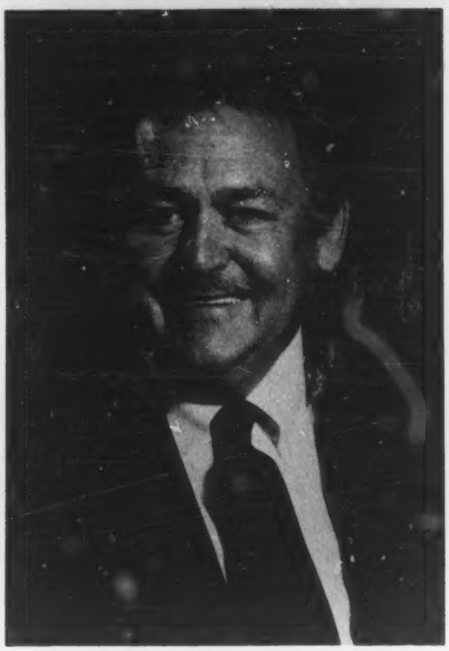
Sacramento, California
1988



Agriculture directly touches our lives every day—in the foods we eat and the clothes we wear. It also plays a dynamic role in keeping our state and nation's economy healthy. Our state's great strength has always been its strong agricultural foundation. The $15.6 billion total farm production generates an additional $62.5 billion in economic activity in jobs directly related to agriculture. We in California are proud that we've been leaders in the nation's agricultural production and that our commodities have earned a world-wide reputation for their high quality. Because of modern technology and farsighted innovations, today it takes only 3 percent of the population to make us better fed and clothed, for less money, than anyone in the world. We in California are proud of all those who help make our agriculture great and of the variety and abundance of its bounty.

Jack Parnell, Director
California Department of
Food and Agriculture

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California Agriculture

(Statistical Review for 1987)

Leads Nation for 40th Year

Sales of farm products from California farms and ranches again lead the Nation in 1987, showing a significant 6 percent gain in value. The $15.6 billion total for 1987 increased notably more than the National total which rose only 0.6 percent.

California's gain contrasts with five of the ten top states that either showed no gain or declined when compared to 1986. Two other states showing significant increases were Texas and Florida. Together with California they show the importance of the vegetable and fruit industries. California's increase in value of farm marketings was made possible by good weather and good prices, that resulted in value gains in most areas. The eleven leading crops all showed gains, and cover all major categories: livestock, fruits, nuts, vegetables, field crops, nursery products and flowers. The biggest increase was in cotton, which benefited from a resurgence of the export market and government export assistance—as well as increases in acreage and yield. Almonds, the State's second largest export product, also made a significant (+33%) gain in value, a result of better pollination weather and increased export demand. Other products that gained in value through increased sales abroad include walnuts, prunes and grapes.

Field Crops:

The value of California's 1987 field crop production is estimated at $2.95 billion. This is 26 percent above the $2.34 billion value of the 1986 production. Average value of production per acre harvested in 1987 was $576, 30 percent above the $442 for 1986. Production of major field crops in 1987 totaled 28.0 million tons, 5 percent above the 1986 total. The 5,112,000 acres harvested in 1987 were 3 percent below the 5,290,000 acres harvested in 1986.

Cotton and cottonseed were the major contributors to the increase in value for 1987. Other crops contributing to the increase were hay, alfalfa seed, safflower, sugar beets, potatoes and sweetpotatoes, dry beans, rice, and oats. Crops with less value than in 1986 include wheat, barley, corn, and sorghum.

Fruit and Nut Crops:

The total value of California's 1987 fruit and nut crops is estimated to be $3.7 billion, 11 percent above 1986. Grapes continued to lead with 33 percent of the total.

Production for 1987 fruit and nut crops (excluding miscellaneous crops) is estimated at 11.8 million tons, up nearly 14 percent from 1986. Total bearing acreage of 1,951,300 was off slightly from a year ago. Average value of production per acre of $1,857 was up $176 from a year ago.

January 1987 was dominated by generally cool temperatures, fog and limited rainfall. Below normal precipitation continued into February, with temperatures above normal early in the month to frost-like conditions at month's end. Above average March rainfall failed to overcome the seasonal deficit. Temperatures were above normal except for a cold winter-like storm at the end of the month. Frost and hail damage was light except for a few orchards in Fresno and northern Butte counties. Warm and generally dry conditions returned in April. Unseasonably high May temperatures coupled with lack of moisture hastened the beginning of the Valley harvest. The unusual heat wave subsided in June with averages generally returning to near normal. During July, fruit maturity slowed as cooler temperatures persisted. August began with a warm spell but modified to near average temperatures. Nearly ideal harvest conditions continued through September and into mid-October. Record-breaking heat in early October moderated to bring cool temperatures and the first good rains of the season. Unsettled but warm weather continued through November and mid-December with rainfall near normal. Cold Arctic air hit the State in late December. High winds and freezing temperatures caused some avocado and citrus damage. Avocado damage was minimized since many of the same areas that had been frozen in January 1987 were hit again. Preventative measures kept major citrus losses to a few isolated areas.

Vegetable Crops:

California vegetable crops in 1987 showed an increase in acreage, production and value from the previous year. Value of production at $3.4 billion was 4 percent above 1986. Harvested acreage at 1,029,000 acres was 3 percent above the previous year. Major crops showing the greatest increase in value from 1986 were lettuce, dry market onions, mushrooms and strawberries. Asparagus, broccoli, carrots, cauliflower, celery, market tomatoes and processing tomatoes showed declines in value from a year ago. California again led the nation in vegetable production with 49.4 percent of the U.S. production of principal fresh market crops and 55.5 percent of the U.S. production of the major processing crops.

Livestock and Dairy:

Cattle and calves totaled 4.6 million head on California farms and ranches January 1, 1988. The beef cow inventory decreased 6 percent and beef cow replacements were down 3 percent from the previous year. Dairy cow numbers at 1,005,000 increased 2 percent while milk cow replacements remained the same as a year earlier. Sheep and lamb inventories at 1,015,000 were up 4 percent from the previous year. The stock sheep inventory and the number of sheep and lambs on feed increased 1 and 16 percent, respectively. The December 1, 1987, inventory of hogs and pigs at 130,000 head showed a 13 percent decrease from last year. Cash receipts from farm marketings of meat animals during 1987 totaled nearly $1.68 billion. Receipts from sales of milk and cream during 1987 totaled over $2.08 billion.

Poultry

California egg production totaled 8.0 billion eggs during 1987, an increase of 2 percent from 1986. The average number of layers in 1987 increased 3 percent, but eggs per layer decreased slightly. Broiler and fryer production at 196 million birds was up 6 percent from the previous year. Cash receipts from farm marketings of chicken eggs in 1987 were $308 million, broilers $341 million, and turkeys $180 million.

California Firsts

- Some 250 crops are recognized in California, including seeds, flowers, and ornamentals.
- This report contains information about 60 major crops grown on a large commercial scale in California:

14 Field Crops
22 Fruits and Nuts
22 Vegetables
2 Nursery Products and Cut Flowers

In addition, data are shown for 9 livestock and poultry products.

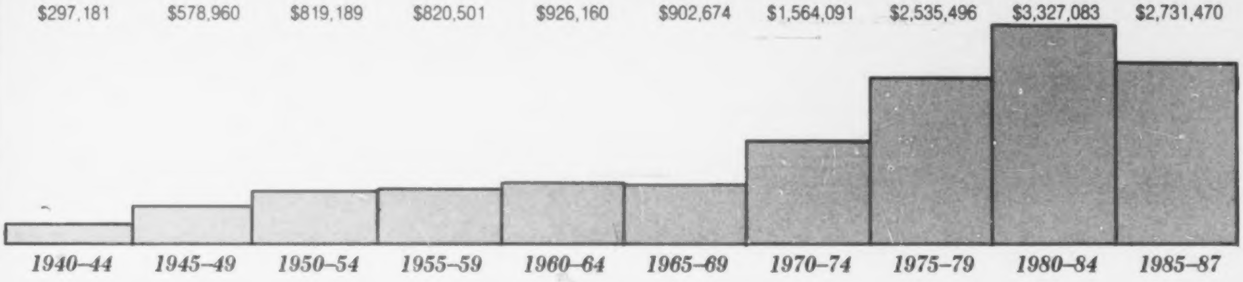
The table below lists 58 commercial crop and livestock commodities in which California leads the Nation. A large number are specialty crops in which the Golden State accounts for most of the U. S. production.

Crop And Livestock Commodities In Which California Leads The Nation

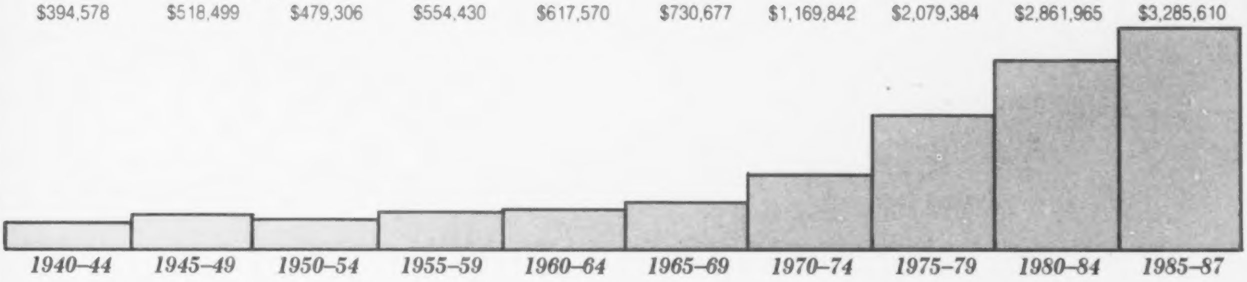
Alfalfa Seed
Almonds
Apricots
Artichokes
Asparagus
Avocados
Broccoli
Brussels Sprouts
Cantaloupes
Carrots
Casaba Melons
Cauliflower
Celery
Chinchillas
Crenshaw Melons
Cut Flowers
Dates
Eggs
Figs
Garlic
Green Lima Beans
Hay
Herbs
Honeydew Melons
Indoor Plants
Kiwifruit
Ladino Clover Seed
Lemons
Lettuce
Nectarines
Nursery Plants
Olives
Onions
Oriental Vegetables
Parsley
Peaches
Pears, Bartlett
Persian Melons
Persimmons
Pigeons & Squabs
Pistachios
Plums
Pomegranates
Prunes
Rabbits
Raisins
Safflower
Spinach
Strawberries
Sudan Grass
Table Grapes
Tangerines
Tomatoes, Processing
Turnips
Vegetable and Flower Seeds
Walnuts
Wild Rice
Wine Grapes

Principal Crops: Average Value, California, 1940–87

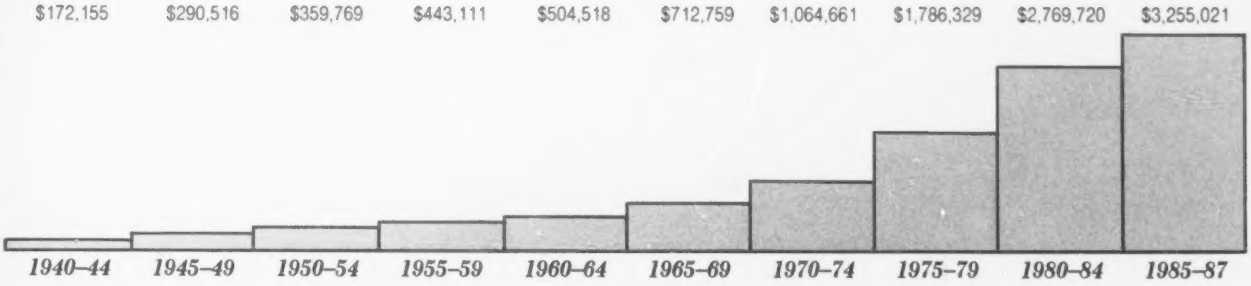
FIELD CROPS ①



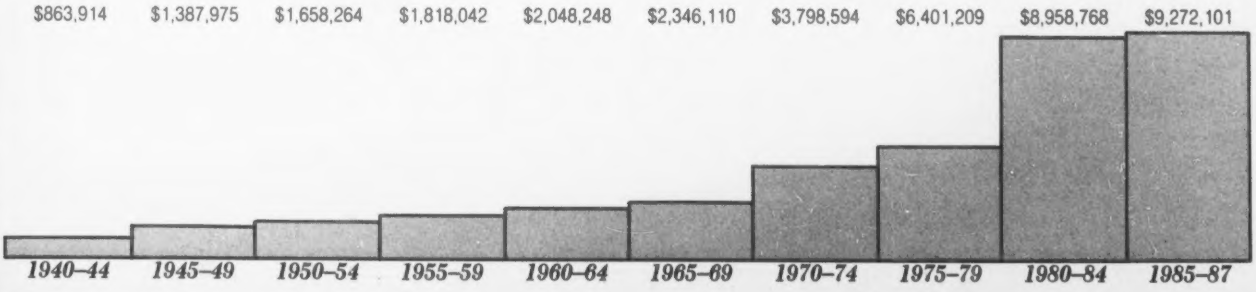
FRUIT AND NUT CROPS



VEGETABLES AND MELONS



TOTAL AVERAGE VALUE OF CROPS



① *Includes safflower since 1950.*

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1987

Commodity	National Ranking ⑲	California's Share of U.S. Production	Harvested Acreage	Production ⑲	Value ②	Rank Among All California Commodities ②		Harvest Season	Leading Counties ①
				Short Tons (2,000 lbs.)		1986	1987		
	Number	Percent	000 Acres	000 Tons	$1,000	Number			
VEGETABLES — TOTAL VALUE — $3,417,768,000									
Asparagus	N/A	N/A	39.7	59.6	74,746	39	36	Feb. 15-June 30	San Joaquin, Riverside, Monterey, Imperial
Broccoli	1	90.0	107.6	516.5	212,562	15	17	Continuous	Monterey, Santa Barbara, Fresno, Imperial, San Luis Obispo
Bushberries									
Boysenberries	N/A	N/A	0.5	1.7	2,364	67	67	June 1-June 30	Stanislaus, Fresno
Olallieberries	N/A	N/A	0.2	0.8	1,275	69	68	June 1-Aug. 30	Santa Cruz, Merced
Raspberries	N/A	N/A	0.4	1.7	5,324	60	62	June 1-July 31	Santa Cruz, Monterey
Carrots	1	50.1	43.0	629.0	125,952	27	30	Continuous	Kern, Imperial, Monterey, Fresno
Desert	–	–	14.0	150.5	32,013	–	–	Continuous	—
Other	–	–	29.0	478.5	93,939	–	–	Continuous	—
Cauliflower	1	75.1	51.1	281.1	147,156	25	25	Continuous	Monterey, Santa Barbara, Imperial, Fresno, San Luis Obispo
Celery	1	71.3	21.3	633.6	136,348	26	27	Continuous	Ventura, Monterey, Santa Barbara
Central Coast	–	–	9.9	314.4	58,850	–	–	–	—
South Coast	–	–	11.4	319.2	77,498	–	–	–	—
Corn, Sweet	9	2.1	16.0	76.0	20,216	49	53	May 1-Dec. 10	Riverside, Ventura, Santa Clara, Contra Costa
Cucumbers for Processing	3	9.8	4.1	61.5	12,177	57	57	July 1-Sep. 30	San Diego, San Joaquin, Santa Clara, Tulare, Ventura
Lettuce	1	67.9	149.5	1,980.9	598,232	8	9	Continuous	Monterey, Imperial, Fresno, Riverside, San Luis Obispo
Melons									
Cantaloupe	N/A	N/A	85.1	638.3	146,798	22	26	May 15-Nov. 30	Imperial, Fresno, Merced, Riverside
Casaba & Santa Claus	N/A	N/A	2.5	22.5	4,860	62	64	June 1-Nov. 30	Stanislaus, Riverside
Crenshaw	N/A	N/A	1.2	9.3	3,478	65	66	June 1-Nov. 30	Riverside, Stanislaus
Honeydew	1	77.1	20.6	185.4	43,754	46	44	June 1-Nov. 30	Imperial, Yolo, Fresno, Riverside
Persian	N/A	N/A	0.4	2.6	796	68	69	June 15-Oct. 30	Fresno, Stanislaus, Kern
Mushrooms, All	2	18.2	0.5	56.0	129,710	30	28	Continuous	Monterey, Santa Clara
Onions	1	29.4	37.2	652.9	129,125	29	29	Apr. 1-Oct. 31	Imperial, Fresno, Kern, Los Angeles, San Joaquin
Peppers, Chili	N/A	N/A	3.0	8.3	9,510	59	58	Sep. 15-Dec. 15	Monterey, Santa Clara
Strawberries	1	74.1	16.8	411.6	407,657	11	11	Feb. 20-Nov. 15	Monterey, Ventura, Santa Barbara, Santa Cruz, Orange
Fresh Market	1	77.4	–	300.1	348,116	–	–	–	—
Processing	1	66.3	–	111.5	59,541	–	–	–	—
Tomatoes	1	77.8	242.6	7,113.4	560,728	–	–	–	—
Fresh Market	2	27.2	28.6	410.9	177,346	18	20	Apr. 15-Dec. 31	Fresno, Monterey, San Diego, Merced, San Joaquin
Processing	1	88.2	214.0	6,702.5	383,382	10	12	June 20-Nov. 10	Fresno, Yolo, San Joaquin, Solano, Sutter
Other Vegetables, Berries and Melons, etc.	–	–	185.7	1,590.0	645,000	–	–	–	—

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1987

Commodity	National Ranking ⑩	California's Share of U.S. Production	Harvested Acreage	Production ⑩ Short Tons (2,000 lbs.)	Value ②	Rank Among All California Commodities ② 1986	Rank Among All California Commodities ② 1987	Harvest Season	Leading Counties ①
	Number	Percent	000 Acres	000 Tons	$1,000	Number			
FRUIT AND NUTS — TOTAL VALUE — $3,656,322,000									
Almonds (Shelled)	1	100.0	411.0	330.0	615,600	9	8	Aug. 1-Oct. 31	Kern, Stanislaus, Merced, San Joaquin, Fresno
Apples	4	6.2	22.5	325.0	72,070	33	37	June 15-Oct. 30	Kern, Santa Cruz, Sonoma, San Joaquin, Madera
Apricots	1	95.7	22.0	110.0	33,451	52	46	June 1-Aug. 15	Stanislaus, San Joaquin, San Benito, Kern, Merced
Avocados	1	91.8	75.0	278.0	93,686	21	33	Continuous	San Diego, Riverside, Santa Barbara, Ventura
Cherries, Sweet	3	21.3	10.3	45.0	28,445	58	49	May 20-June 25	San Joaquin, Santa Clara, Stanislaus
Dates	1	100.0	4.8	19.4	15,889	54	55	Oct. 1-Dec. 15	Riverside, Imperial
Figs	1	100.0	18.1	49.4	15,313	56	56	June 10-Sep. 15	Madera, Merced, Fresno
Grapefruit	2	14.4	20.7	298.6	59,127	42	41	–	Riverside, San Diego, Kern, San Bernardino
Desert	–	–	9.2	134.4	23,488	–	–	Nov. 10-Jun. 10	—
Other	–	–	11.5	164.2	35,639	–	–	Mar. 15-Oct. 25	—
Grapes, All	1	88.5	661.4	4,660.0	1,205,850⑨	3	3	–	Fresno, Tulare, Kern, Madera, Riverside
Raisin Type	–	–	274.5	2,200.0	504,660⑨	–	–	May 15-Dec. 15	Fresno, Tulare, Kern Madera
Table Type	–	–	82.8	510.0	217,260	–	–	May 25-Dec. 15	Tulare, Riverside, Kern, Fresno, San Joaquin
Wine Type	–	–	304.1	1,950.0	483,930	–	–	Aug. 5-Dec. 15	Napa, Sonoma, San Joaquin, Madera, Fresno
Kiwifruit	1	100.0	6.5	29.0	18,886	50	54	Sep. 15-Dec. 28	Butte, Tulare, Kern, Yuba, Sutter
Lemons	1	75.2	48.3	817.0	152,890	20	24	Continuous	Ventura, Kern, Riverside, Tulare, San Diego
Nectarines	1	100.0	23.1	191.0	65,545	38	39	June 10–Sep. 5	Fresno, Tulare, Kern, Kings
Olives	1	100.0	31.5	67.5	41,991	41	45	Sep. 25-Mar. 15	Tulare, Kern, Glenn, Butte, Tehama
Oranges, All	2	32.1	172.9	2,193.8	422,520	12	10	–	Tulare, Kern, Fresno, Ventura, Riverside
Navel & Misc.	–	–	106.0	1,293.8	242,840	–	–	Oct. 25-May 15	Tulare, Kern, Fresno, Riverside, San Bernardino
Valencia	–	–	66.9	900.0	179,680	–	–	Mar. 1-Dec. 1	Tulare, Ventura, Kern, Riverside, San Diego
Peaches, All	1	60.5	53.7	734.0	163,864	23	22	–	Fresno, Stanislaus, Tulare, Sutter, Merced
Clingstone	–	100.0	28.8	478.5	95,612	–	–	July 15-Sep. 15	Stanislaus, Sutter, Yuba, Merced, Butte
Freestone	–	34.7	24.9	255.5	68,252	–	–	May 10-Sep. 15	Fresno, Tulare, Kings
Pears, All	1	38.7	23.1	337.0	64,794	40	40	Jul. 5-Oct. 5	Lake, Sacramento, Mendocino, Solano
Pistachios	1	100.0	40.3	16.6	45,477	37	42	Sep. 15-Dec. 10	Kern, Madera, Merced, Kings, Tulare
Plums	1	82.1	39.2	245.0	75,361	31	35	May 25–Sep. 20	Tulare, Fresno
Pomegranates	1	100.0	3.4	18.5	5,631	61	61	Sep. 15-Nov. 10	Tulare, Fresno
Prunes, Dried Basis	1	100.0	75.4	228.0	166,440	36	21	Aug. 10-Oct. 10	Sutter, Butte, Yuba, Glenn, Tehama

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1987

Commodity	National Ranking ⑩	California's Share of U.S. Production	Harvested Acreage	Production ⑩ Short Tons (2,000 lbs.)	Value ②	Rank Among All California Commodities ② 1986	1987	Harvest Season	Leading Counties ①
	Number	Percent	000 Acres	000 Tons	$1,000	Number			
Tangerines, Mandarins, Tangelos & Tangors	1	52.7	8.5	83.6	25,327	51	52	Nov. 1-Apr. 30	Riverside, Kern, Tulare
Walnuts	1	100.0	180.3	247.0	234,650	17	15	Sep. 5-Nov. 10	San Joaquin, Tulare, Stanislaus, Butte, Sutter
Other Fruit and Nuts					33,515				
FIELD AND SEED CROPS — TOTAL VALUE — $2,945,372,000									
Alfalfa Seed	1	⑦	67.0	20.3	43,784	45	43	Aug. 15-Oct. 15	Fresno, Kings, Imperial
Barley	8	2.9	300.0	367.2	32,895	44	47	May 15-Oct. 1	Siskiyou, Fresno, San Luis Obispo, Kern, Kings
Beans, Dry	4	11.9	168.0	155.9	84,186	35	34	Aug. 20-Nov. 15	Stanislaus, San Joaquin, Fresno, Sutter, Tulare
Corn for Grain	23	0.4	190.0	798.0	69,825	34	38	Sep. 1-Dec. 1	San Joaquin, Solano, Sacramento, Yolo, Kings
Cotton	2	–	–	–	1,095,565	5	4	–	Fresno, Kern, Kings, Tulare
Lint	2	20.3	1,140.9	717.9	992,479	–	–	Oct. 1-Jan. 1	—
Seed	2	20.0	–	1,151.8	103,086	–	–	–	—
Hay, Alfalfa and Other	1	6.0	1,670.0	9,005.0	720,400	6	6	Mar. 1-Nov. 5	Imperial, Tulare, Kern, Fresno, Merced
Oats	21	0.7	40.0	44.8	5,040	64	63	June 15-Oct. 1	Siskiyou, Merced, San Joaquin, Sonoma, Sacramento
Potatoes	8	4.9	51.0	937.9	159,649	28	23	Continuous	Kern, Riverside, Siskiyou, Modoc
Rice	2	20.4	367.0	1,302.9	195,428⑧	32	18	Sep. 1-Nov. 30	Colusa, Butte, Sutter, Glenn, Yuba
Safflower	1	⑦	106.0	122.0	26,962	48	51	July 1-Sep. 15	Kings, Yolo, Fresno, Sacramento, Sutter
Sorghum Grain	18	0.2	20.0	50.4	3,629	66	65	Sep. 15-Nov. 25	Kern, Tulare, Sutter, Glenn, Butte
Sugar Beets	2	21.7	215.0	5,956.0	212,629⑧	19	16	Apr. 1-Dec. 10	Imperial, San Joaquin, Fresno, Merced, Solano
Sweetpotatoes	3	11.5	6.6	67.7	27,601	53	50	Jul. 15-Nov. 15	Merced, Fresno
Wheat	15	2.0	537.0	1,248.3	117,249	24	31	May 20-Sep. 1	Imperial, Kings, Kern, Solano, Yolo
Other Field Crops					150,530				
NURSERY AND FLOWER CROPS — TOTAL VALUE — $1,463,507,000									
Nursery Products ④ ⑥	1	27.6 ③	–	–	831,042	4	5	Continuous	San Diego, Los Angeles, Orange, Kern, Ventura
Flowers and Foliage ④ ⑤	1	28.6 ③	–	–	632,465	7	7	Continuous	San Diego, San Mateo, Monterey, Santa Barbara, Los Angeles

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1987

Commodity	National Ranking ⑩	California's Share of U.S. Production	Production ⑩	Value ②	Rank Among All California Commodities ②		Leading Counties ①
					1986	1987	
	Number	Percent	000 Pounds	$1,000	Number		
LIVESTOCK, POULTRY AND APIARY — TOTAL VALUE — $4,659,586,000							
Cattle and Calves	7	5.0	2,738,700	1,552,109	2	2	Imperial, Fresno, Tulare, Kings, Siskiyou
Chickens	9	5.0	996,164	346,633	14	13	Merced, Stanislaus, Fresno
Broilers and Fryers	9	4.8	921,764	341,053	–	–	—
Other	4	7.2	74,400	5,580	–	–	—
			(Millions of eggs)				
Eggs, Chicken	1	11.5	8,023	307,548	13	14	Riverside, San Bernardino, Stanislaus, San Diego, San Joaquin
Hogs and Pigs	29	0.3	54,562	31,680	47	48	Tulare, Merced, Stanislaus
Honey	4	7.3	16,500	8,415	55	59	Imperial, Kings, Tulare, Fresno
Milk and Cream	2	12.7	17,877,000	2,084,731	1	1	San Bernardino, Tulare, Stanislaus, Merced, Riverside
Sheep and Lambs	2	16.0	131,438	94,663	43	32	Kern, Solano, Imperial, Merced
Turkeys	3	11.2	545,700	180,081	16	19	Fresno, Madera, Stanislaus, Merced, Kings
Wool	3	9.4	8,021	6,978	63	60	Kern, Imperial, Merced, Fresno
Other Livestock & Poultry				46,748			

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① *Based on values published in the Annual County Agricultural Commissioners' Reports.*
② *Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*
③ *Share of U.S. production based on 1982 Census of Agriculture.*
④ *Extracted from Agricultural Commissioners' Annual Crop Reports.*
⑤ *Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.*
⑥ *Includes trees, shrubs, vines, bulbs, turf, and cut Christmas trees, etc., not included in flowers and foliage category.*
⑦ *Not available.*
⑧ *The 1987 price and value are based on U.S. average price.*
⑨ *In 1987, 15,000 acres were enrolled in the California Raisin Diversion Program (RID). These acres have been deducted from bearing acres for yield calculations.*
⑩ *Based on quantity produced for crops and on quantity marketed for livestock and poultry products.*

California's Leading Farm Products

- California's "Top Twenty" crop and livestock commodities account for about 75 percent of the State's gross farm income.
- In 1987, dairy products, cattle and calves, and eggs continued to dominate the livestock industry, while grapes, cotton, hay, nursery products, flowers and foliage, almonds, oranges, and lettuce were the most important crops.

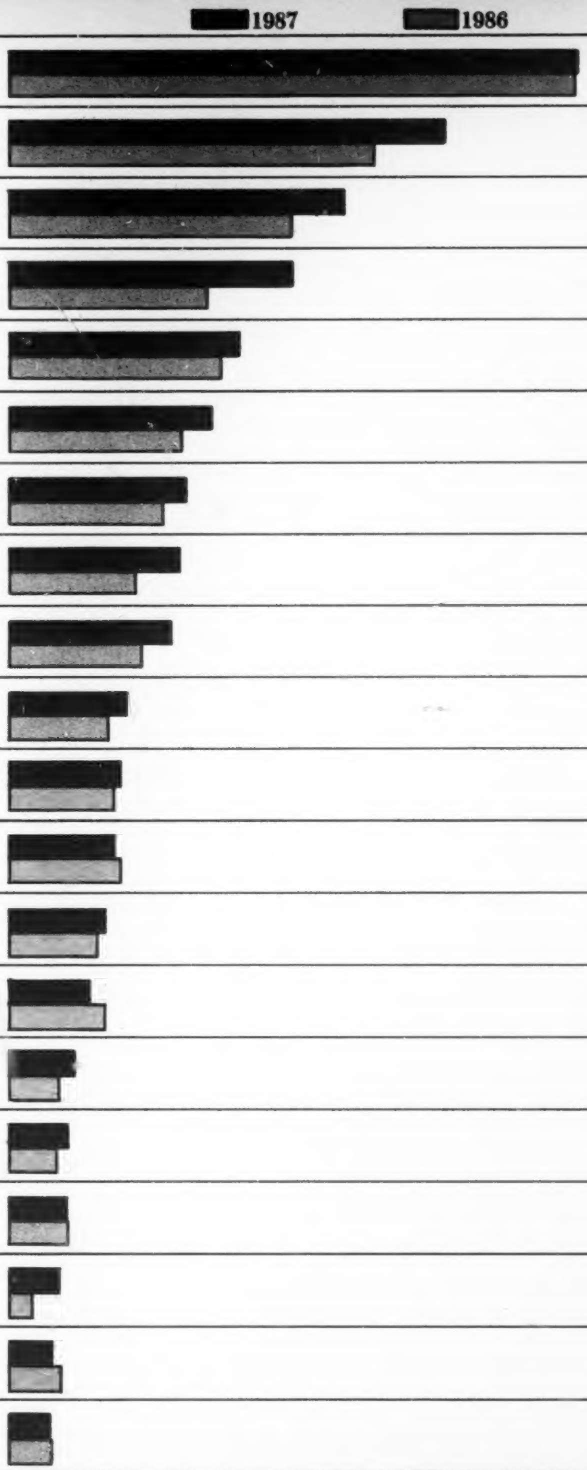
California's Diversity

- California agriculture is considered one of the most diversified in the world, with no one crop dominating the State's farm economy.
- This is illustrated by the fact that only one product exceeds 10 percent, and half of the top twenty crops individually account for less than 3 percent, of the State's total gross farm income.
- California leads the Nation by a wide margin in the production of fruits and nuts and vegetables.
- California accounts for 50 percent of the Nation's cash receipts for fruits and nuts, while for vegetables, its share is over 50 percent.

California's Top Twenty

	Commodity Ranking	
Farm Product	***1987***	***1986***
	- Number -	
Milk and Cream	**1**	**1**
Cattle and Calves	**2**	**2**
Grapes	**3**	**3**
Cotton	**4**	**5**
Nursery Products	**5**	**4**
Hay	**6**	**6**
Flowers and Foliage	**7**	**7**
Almonds	**8**	**9**
Lettuce	**9**	**8**
Oranges	**10**	**12**
Strawberries	**11**	**11**
Tomatoes, Processing	**12**	**10**
Chickens	**13**	**14**
Eggs, Chickens	**14**	**13**
Walnuts	**15**	**17**
Sugar Beets	**16**	**19**
Broccoli	**17**	**15**
Rice	**18**	**32**
Turkeys	**19**	**16**
Tomatoes, Fresh	**20**	**18**

Ranking and Value, 20 Leading Farm Products, California, 1986–87



	(000 Dollars)
Milk and Cream	2,084,731 (12.9% of State Total)
	2,058,008 (14.0% of State Total)
Cattle and Calves	1,552,109 (9.6% of State Total)
	1,319,211 (9.0% of State Total)
Grapes	1,205,850 (7.5% of State Total)
	1,053,101 (7.2% of State Total)
Cotton	1,095,565 (6.8% of State Total)
	726,112 (4.9% of State total)
Nursery Products	831,042 (5.1% of State Total)
	773,204 (5.3% of State Total)
Hay	720,400 (4.5% of State Total)
	625,530 (4.3% of State Total)
Flowers and Foliage	632,465 (3.9% of State Total)
	565,040 (3.8% of State Total)
Almonds	615,600 (3.8% of State Total)
	461,568 (3.1% of State Total)
Lettuce	598,232 (3.7% of State Total)
	485,243 (3.3% of State Total)
Oranges	422,520 (2.6% of State Total)
	364,952 (2.5% of State Total)
Strawberries	407,657 (2.5% of State Total)
	385,245 (2.6% of State Total)
Tomatoes, Processing	383,382 (2.4% of State Total)
	403,076 (2.7% of State Total)
Chickens	346,633 (2.1% of State Total)
	320,409 (2.2% of State Total)
Eggs, Chicken	307,548 (1.9% of State Total)
	347,362 (2.4% of State Total)
Walnuts	234,650 (1.5% of State Total)
	194,400 (1.3% of State Total)
Sugar Beets	212,629 (1.3% of State Total)
	172,502 (1.2% of State Total)
Broccoli	212,562 (1.3% of State Total)
	214,030 (1.5% of State Total)
Rice	195,428 (1.2% of State Total)
	88,172 (.6% of State Total)
Turkeys	180,081 (1.1% of State Total)
	208,926 (1.4% of State Total)
Tomatoes, Fresh	177,346 (1.1% of State Total)
	180,956 (1.2% of State Total)

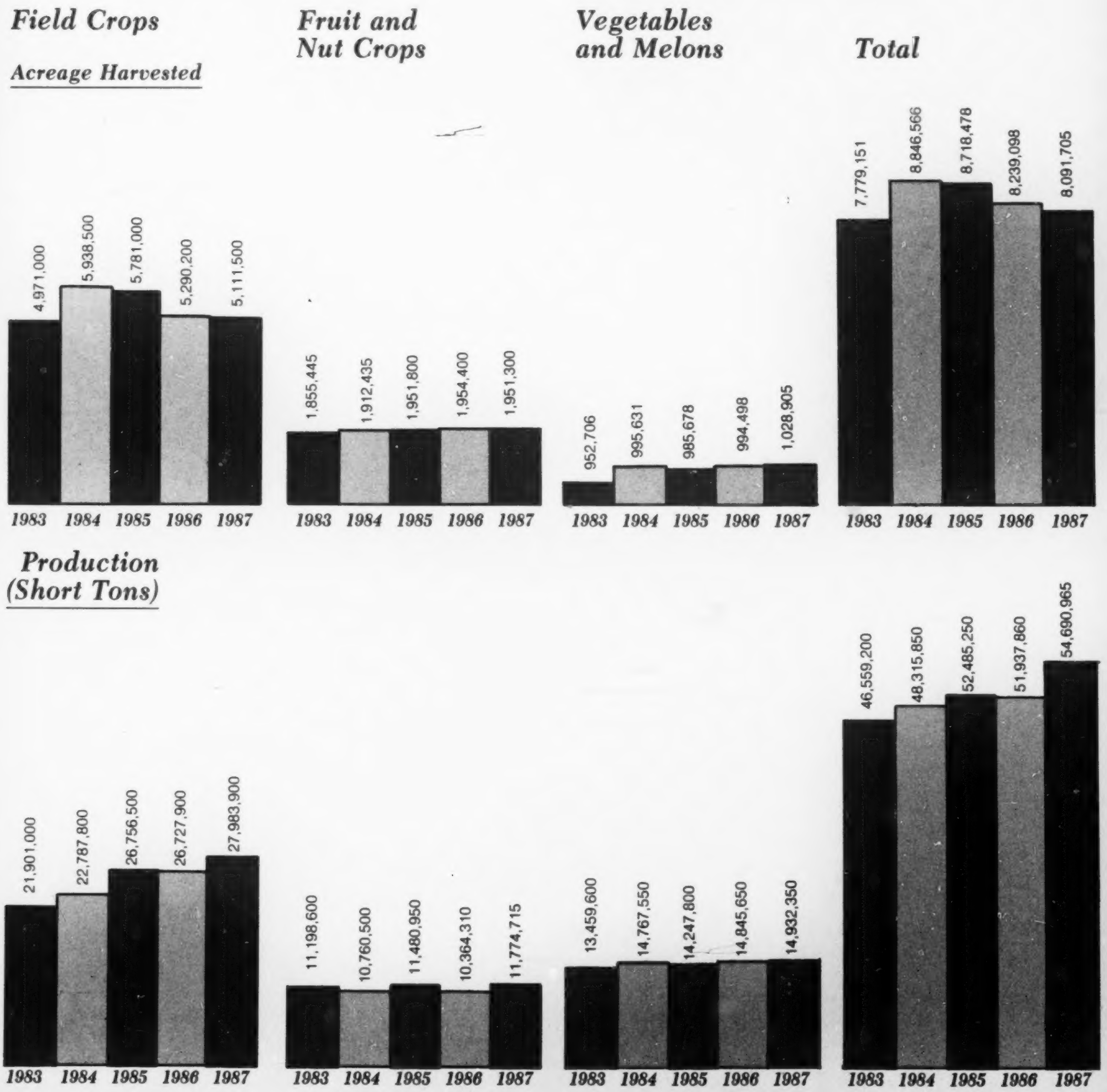
** Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*

*** Due to revisions in valuations, the prior-year ranking of a commodity may not match the rankings listed in previous publications.*

Acreage and Production by Principal Groupings for California, 1983–87

Acreage of all crops in 1987 totaled 8.1 million acres, down 2 percent from 1986 and continuing a decline from 1984.

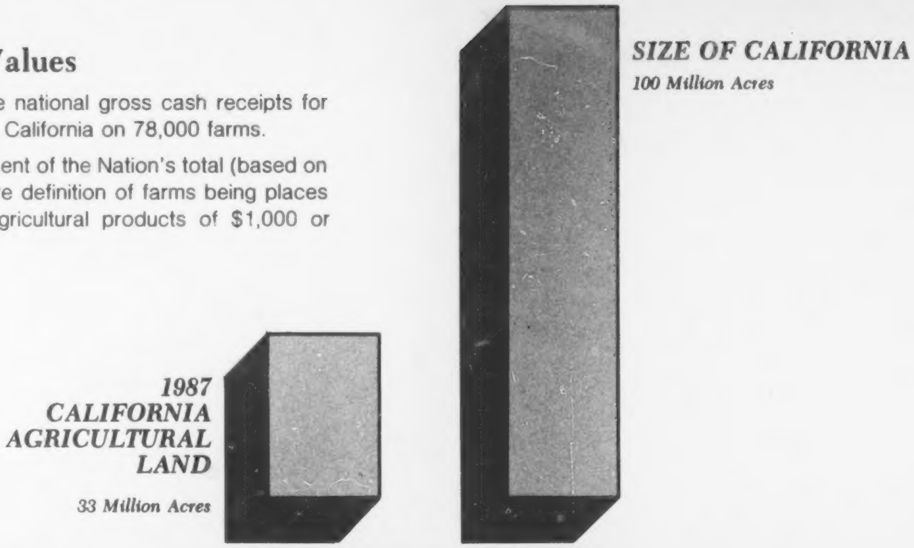
- Total tonnage increased 5 percent. While all groupings showed increased tonnage from 1986, fruit and nut crops had the greatest gain with 14 percent.
- Field crops recorded the largest tonnage since 1976, and on 1,400,000 fewer acres.
- The total tonnage for 1987 is the highest ever recorded, surpassing 1981's previous high by 2 percent.



California Land

Farm and Land Values

- About 10 percent of the national gross cash receipts for farming are produced in California on 78,000 farms.
- This constitutes 3.5 percent of the Nation's total (based on the Census of Agriculture definition of farms being places with annual sales of agricultural products of $1,000 or more).



1987
- Average California Farm Size 418 Acres
- Average U.S. Farm Size 466 Acres

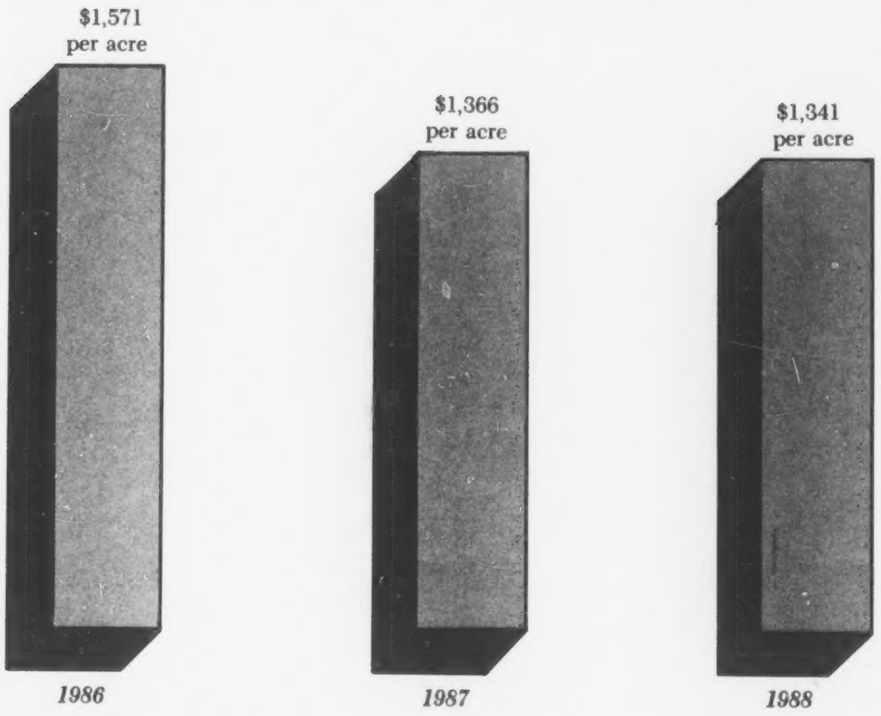
California Number of Farms, Land in Farms, and Size of Farm—1950–1987

Year	*Number of Farms*	*Land in Farms*	*Average Size of Farm*
		- 000 Acres -	*- Acres -*
1950*	144,000	37,500	260
1955	124,000	39,000	316
1960	108,000	38,800	359
1965	82,000	37,800	461
1970	64,000	36,600	572
1975**	73,000	34,300	470
1980	81,000	33,800	417
1981	83,000	33,600	405
1982	82,000	33,400	407
1983	80,000	33,200	415
1984	78,000	33,000	423
1985	79,000	32,900	416
1986	79,000	32,800	415
1987	78,000	32,600	418

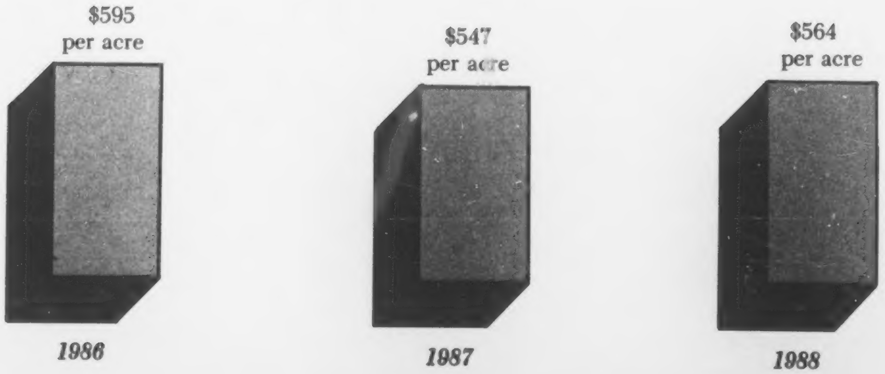
** Old definition of farm: Places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.*

*** New definition of farm: Places with annual sales of agricultural products of $1,000 or more.*

California Farm Land Value
(including buildings)



U.S. Farm Land Value
(including buildings)



California Market Value of Farm Real Estate Per Acre, By Region, 1979-88 *

Land Use and Region	*1979*	*1980*	*1981*	*1982*	*1983*	*1984*	*1985*	*1986*	*1987*	*1988*
					Dollars					
IRRIGATED										
Truck and Vegetables										
North & East Central	–	–	–	–	2,470	2,430	2,070	1,900	1,900	2,050
Central Coast	4,200	4,900	5,890	6,380	6,410	6,280	5,550	6,000	7,000	6,800
Sacramento Valley	2,280	2,820	3,384	3,650	3,660	3,370	2,600	2,250	2,150	2,250
San Joaquin Valley	2,650	3,545	4,190	4,570	4,660	4,360	3,230	2,650	2,800	3,000
Southern California	4,200	4,670	6,180	6,600	6,800	6,900	5,170	5,350	6,000	5,900
Cotton										
San Joaquin Valley	–	–	–	–	–	–	2,800	2,150	2,200	2,350
Southern California	–	–	–	–	–	–	2,750	2,450	2,500	2,400
Rice										
Sacramento Valley	–	–	–	–	–	–	1,800	1,600	1,400	1,600
San Joaquin Valley	–	–	–	–	–	–	1,950	1,750	1,500	1,750
Extensive Field Crops ①										
North & East Central	1,050	1,220	1,610	1,700	1,780	1,700	1,530	1,600	1,400	1,300
Central Coast	1,580	2,090	2,820	3,100	2,760	2,610	2,540	2,600	2,500	2,600
Sacramento Valley	1,660	2,210	2,570	2,850	2,700	2,730	2,250	1,900	1,850	1,850
San Joaquin Valley	1,970	2,680	3,180	3,640	3,750	3,500	2,890	2,350	2,200	2,400
Southern California	2,300	2,890	3,350	3,460	3,640	3,550	2,920	3,000	3,200	3,300
	3,300									
Pasture										
North & East Central	830	1,000	1,350	1,400	1,500	1,370	1,340	1,400	1,350	1,250
Central Coast	1,750	1,830	2,090	2,200	2,300	2,190	2,250	2,600	2,500	2,600
Sacramento Valley	1,500	1,595	1,980	2,060	1,960	1,950	1,620	1,400	1,300	1,450
San Joaquin Valley	1,550	1,970	2,140	2,420	2,530	2,310	2,090	1,650	1,800	2,050
Southern California	2,000	2,330	2,410	–	–	–	2,260	2,500	3,000	3,000
NONIRRIGATED										
Cropland										
North & East Central	600	620	710	850	870	840	820	850	900	800
Central Coast	790	1,000	1,360	1,500	1,490	1,550	1,420	1,150	1,500	1,500
Sacramento Valley	880	1,140	1,320	1,400	1,470	1,490	960	820	800	750
San Joaquin Valley	960	1,210	1,480	1,710	1,600	1,560	1,170	1,000	900	1,000
Southern California	1,800	–	–	–	–	–	1,930	2,200	2,700	2,750
Pasture										
North & East Central	540	580	630	700	700	630	700	770	700	650
Central Coast	680	780	940	990	1,000	1,090	950	900	1,000	1,000
Sacramento Valley	700	810	1,050	1,120	1,030	1,070	920	790	700	650
San Joaquin Valley	775	845	1,050	1,310	1,210	1,120	950	770	800	850
Rangeland ②										
North & East Central	300	320	400	450	460	540	410	460	500	450
Central Coast	460	570	670	700	650	690	750	800	850	850
Sacramento Valley	430	460	500	650	660	610	650	600	550	450
San Joaquin Valley	520	550	620	770	700	740	690	600	600	550

① *Includes land used for barley, beans, corn, and sorghum. Beginning 1985 includes land used for alfalfa, wheat, barley, sugar beets, beans, and corn.*

② *Unimproved.*

* *See Crop Reporting Districts on Page 15.*

California Market Value Per Acre of Orchards, Vineyards, and Groves, By Region, 1979-88

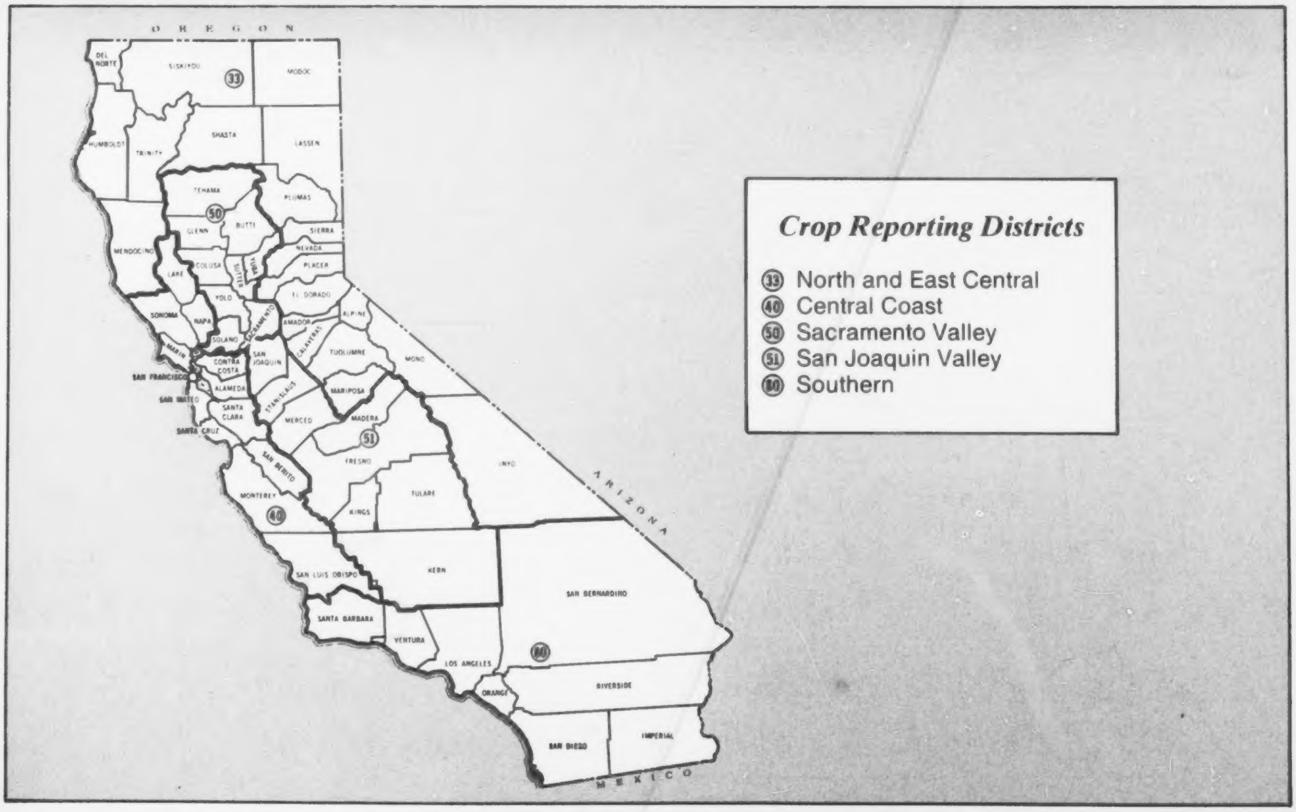
Crop and Region	*1979*	*1980*	*1981*	*1982*	*1983*	*1984*	*1985*	*1986*	*1987*	*1988*
					Dollars					
ORCHARD										
Almonds										
Sacramento Valley	3,850	5,150	5,600	5,940	7,080	5,880	4,560	4,100	4,400	4,800
San Joaquin Valley	5,600	8,050	8,300	8,570	7,390	6,520	5,630	4,800	5,200	5,400
English Walnuts										
Central Coast	4,300	6,200	8,200	8,500	8,330	–	–	6,700	6,300	5,900
Sacramento Valley	4,400	5,700	7,150	8,750	7,990	7,420	5,980	5,000	5,100	5,000
San Joaquin Valley	5,200	6,800	8,300	8,780	8,380	7,840	5,970	5,500	5,500	6,000
Pistachios										
San Joaquin Valley	–	–	–	–	–	–	–	8,700	8,400	8,400
Apples										
Central Coast	7,950	8,400	8,900	9,600	–	–	–	9,950	10,200	10,000
San Joaquin Valley	–	–	–	–	–	–	5,810	6,300	7,000	6,500
Apricots										
Central Coast	–	6,000	8,200	–	–	–	–	6,100	6,800	6,700
Sacramento Valley	–	–	–	–	–	–	–	4,100	4,400	4,300
San Joaquin Valley	4,350	6,300	7,450	7,270	7,340	6,990	5,080	4,850	5,000	4,900
Avocados										
Southern California	12,700	17,200	18,300	17,720	17,030	16,905	13,970	14,000	13,000	14,500
Cherries										
San Joaquin Valley	–	–	–	–	–	–	–	6,850	6,600	7,500
Nectarines										
San Joaquin Valley	–	–	–	8,970	8,500	7,470	6,090	5,400	6,000	5,850
Olives										
San Joaquin Valley	3,800	4,250	5,400	5,800	–	–	5,230	5,600	5,800	6,200
Peaches										
Sacramento Valley	4,050	4,850	5,600	5,940	5,590	5,480	4,840	4,650	4,400	4,550
San Joaquin Valley	5,750	7,800	8,300	8,570	7,410	6,850	5,870	5,300	5,500	5,550
Pears										
Central Coast	4,850	6,000	8,000	7,700	7,440	5,100	–	5,250	5,000	–
Sacramento Valley	4,200	4,750	5,620	5,280	5,350	4,735	3,300	4,400	4,300	4,250
San Joaquin Valley	–	–	–	–	–	–	–	5,150	5,100	5,000
Plums										
San Joaquin Valley	6,000	8,300	8,900	9,770	8,770	8,030	5,940	5,500	6,000	5,550
Prunes										
Central Coast	5,050	5,900	7,870	8,300	8,200	8,070	–	6,750	6,100	–
Sacramento Valley	3,650	4,400	5,350	5,930	5,690	5,330	4,600	4,150	4,000	4,250
San Joaquin Valley	–	5,950	7,450	7,770	–	–	4,860	4,950	5,500	5,500
CITRUS										
Grapefruit										
Southern California	6,200	8,500	10,500	9,870	9,560	8,900	9,840	11,000	9,600	10,000
Lemons										
San Joaquin Valley	4,250	5,900	6,950	6,440	6,850	6,610	5,540	7,300	7,000	7,050
Southern California	8,600	11,900	15,250	14,110	13,860	13,020	13,020	13,400	13,000	13,400
Navel Oranges										
San Joaquin Valley	4,850	6,350	6,950	7,410	7,510	8,070	7,880	8,250	8,000	8,000
Southern California	7,200	8,600	11,250	11,400	10,100	11,180	11,810	13,400	11,900	12,900

California Market Value Per Acre of Orchards, Vineyards, and Groves, By Region, 1979-88 *

Crop and Region	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					Dollars					
Valencia Oranges										
San Joaquin Valley	4,650	6,150	6,900	7,260	7,830	7,900	8,010	8,400	8,400	8,000
Southern California	7,550	9,100	11,400	12,030	11,110	11,880	11,460	13,000	12,400	13,900
Tangerines										
San Joaquin Valley	–	–	6,700	6,530	6,670	7,820	–	6,900	7,200	7,200
VINEYARDS										
Grape										
Raisin Varieties										
San Joaquin Valley	6,900	10,150	10,200	10,840	9,460	6,580	4,520	4,000	4,300	4,850
Table Varieties										
San Joaquin Valley	6,500	9,300	9,350	9,560	9,920	7,810	5,550	4,850	5,000	5,400
Wine Varieties										
Central Coast	8,900	10,300	14,250	15,840	15,230	16,640	14,790	15,400	16,000	16,400
San Joaquin Valley	6,400	7,900	8,250	9,770	8,060	6,380	4,680	4,000	4,200	4,800
Kiwifruit										
Sacramento Valley	–	–	–	–	–	–	–	–	12,600	11,300
San Joaquin Valley	–	–	–	–	–	–	–	10,600	10,600	9,100

* *Excluding nonbearing acreage and farm buildings. See Crop Reporting Districts below.*

California


OREGON
NEVADA
ARIZONA
MEXICO
DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
GLENN
BUTTE
SIERRA
NEVADA
MENDOCINO
LAKE
COLUSA
SUTTER
YUBA
PLACER
YOLO
EL DORADO
SONOMA
NAPA
SOLANO
SACRAMENTO
AMADOR
ALPINE
MARIN
CONTRA COSTA
SAN JOAQUIN
CALAVERAS
TUOLUMNE
MONO
SAN FRANCISCO
SAN MATEO
ALAMEDA
SANTA CLARA
STANISLAUS
MARIPOSA
SANTA CRUZ
MERCED
MADERA
SAN BENITO
FRESNO
INYO
MONTEREY
TULARE
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
IMPERIAL
33
40
50
51
80
Crop Reporting Districts
㉝ North and East Central
㊵ Central Coast
㊿ Sacramento Valley
(51) San Joaquin Valley
(80) Southern

Prices Received for Field Crops, California

Year and Month		Wheat per cwt.	Oats per cwt.	Barley per cwt.	Sorghum Grain per cwt.	Dry Beans per cwt.	Potatoes per cwt.	All Hay per ton	Alfalfa Hay per ton	Cotton per lb.
		Dollars								
1987	January	5.20	5.81	4.04	–	31.00	7.30	79.00	80.00	.669
	February	5.02	5.50	4.52	–	30.00	7.45	81.00	82.00	.563
	March	4.65	5.38	4.38	–	30.00	7.55	82.00	83.00	.551
	April	4.38	5.25	4.35	–	30.00	6.20	84.00	86.00	.579
	May	5.02	5.00	4.77	–	29.00	12.50	89.00	90.00	.675
	June	4.67	5.03	4.44	–	30.00	10.70	79.00	80.00	.733
	July	4.57	4.75	4.42	–	31.00	9.80	75.00	76.00	.701
	August	4.32	5.00	4.08	–	29.00	9.05	69.00	70.00	.701
	September	5.15	5.00	4.00	–	25.00	7.90	80.00	81.00	.704
	October	5.52	5.47	4.10	–	25.00	7.35	79.00	80.00	.687
	November	5.02	5.75	4.50	–	24.00	5.25	82.00	82.00	.699
	December	4.77	5.81	4.35	–	24.00	4.90	84.00	85.00	.706
1987	Average	4.70	5.63	4.48	3.60	27.00	8.65	80.00	–	.691
1986	Average	4.87	4.78	4.29	3.60	28.50	7.85	72.50	–	.591
1985	Average	5.72	5.28	5.04	4.65	22.30	8.15	83.00	–	.618

Prices Received for Fruit Crops, California (Grower Return Basis)

Year and Month		Apples Fresh per lb.	Peaches Fresh per lb.	Pears Fresh per lb.	Navel Oranges Fresh per box	Valencia Oranges Fresh per box	Grapefruit Fresh per box	Lemons Fresh per box	Tangerines Fresh per box
		Dollars							
1987	January	.289	–	–	9.30	–	7.68	11.08	14.15
	February	.322	–	–	8.70	–	8.08	12.18	15.65
	March	.322	–	–	8.40	9.64	7.88	13.78	13.25
	April	.322	–	–	7.90	10.74	7.35	13.38	11.65
	May	–	–	–	9.60	9.24	8.81	13.28	14.45
	June	–	.183	–	10.40	11.74	10.45	16.38	–
	July	–	.043	.135	–	12.04	10.41	19.98	–
	August	.209	.049	.107	–	10.54	10.24	21.18	–
	September	.235	.119	.085	–	9.74	8.34	21.30	–
	October	.206	–	.062	–	11.94	9.24	20.30	–
	November	.229	–	–	19.48	11.64	10.56	17.00	37.15
	December	.228	–	–	9.08	–	8.88	16.20	22.05
1987	Average*	.313	.167	.117	9.20	10.54	9.45	13.38	15.05
1986	Average*	.307	.177	.166	8.90	7.40	10.13	17.02	17.05
1985	Average*	.225	.135	.125	12.54	10.48	9.70	13.24	17.15

** Citrus and apple average based on marketing year; peaches and pears on a calendar year.*

Prices Received for Livestock and Livestock Products, California

Year	and Month	All Beef Cattle per cwt.	Beef Cows per cwt.	Steers & Heifers per cwt.	Calves per cwt.	Lambs per cwt.	Milk Sold to Plants per cwt.	Broilers per lb.	Turkeys per lb.	Market Eggs per doz.
		Dollars								
1987	January	50.50	40.00	56.90	61.00	73.50	11.85	.370	.410	.490
	February	52.80	42.50	60.50	66.00	73.80	11.69	.370	.410	.520
	March	53.80	44.30	61.20	68.30	76.00	11.61	.370	.320	.430
	April	55.50	44.20	64.20	68.40	80.00	11.23	.370	.360	.470
	May	57.10	43.40	66.40	72.40	85.60	11.06	.370	.330	.350
	June	56.60	43.40	65.80	73.70	84.10	11.17	.370	.320	.380
	July	56.50	44.00	63.90	72.40	78.20	11.34	.370	.310	.380
	August	57.50	44.80	65.50	75.10	76.50	11.37	.360	.300	.330
	September	60.00	46.20	67.70	77.60	71.90	11.47	.370	.300	.470
	October	58.20	45.00	67.50	74.40	63.30	11.36	.370	.300	.340
	November	56.00	44.60	64.90	71.10	59.90	11.56	.370	.300	.453
	December	59.30	45.70	67.30	71.10	67.00	11.62	.360	.380	.324
1987	Average	56.30	44.00	64.50	71.60	74.90	11.43	.370*	.330	.431*
1986	Average	46.70	35.30	54.30	53.70	68.60	11.77	.360*	.450	.504*
1985	Average	48.80	37.00	56.00	55.80	68.30	12.18	.335*	.480	.476*

** Price is calculated for a Dec.–Nov. marketing year.*

Prices Received for Vegetable Crops, California

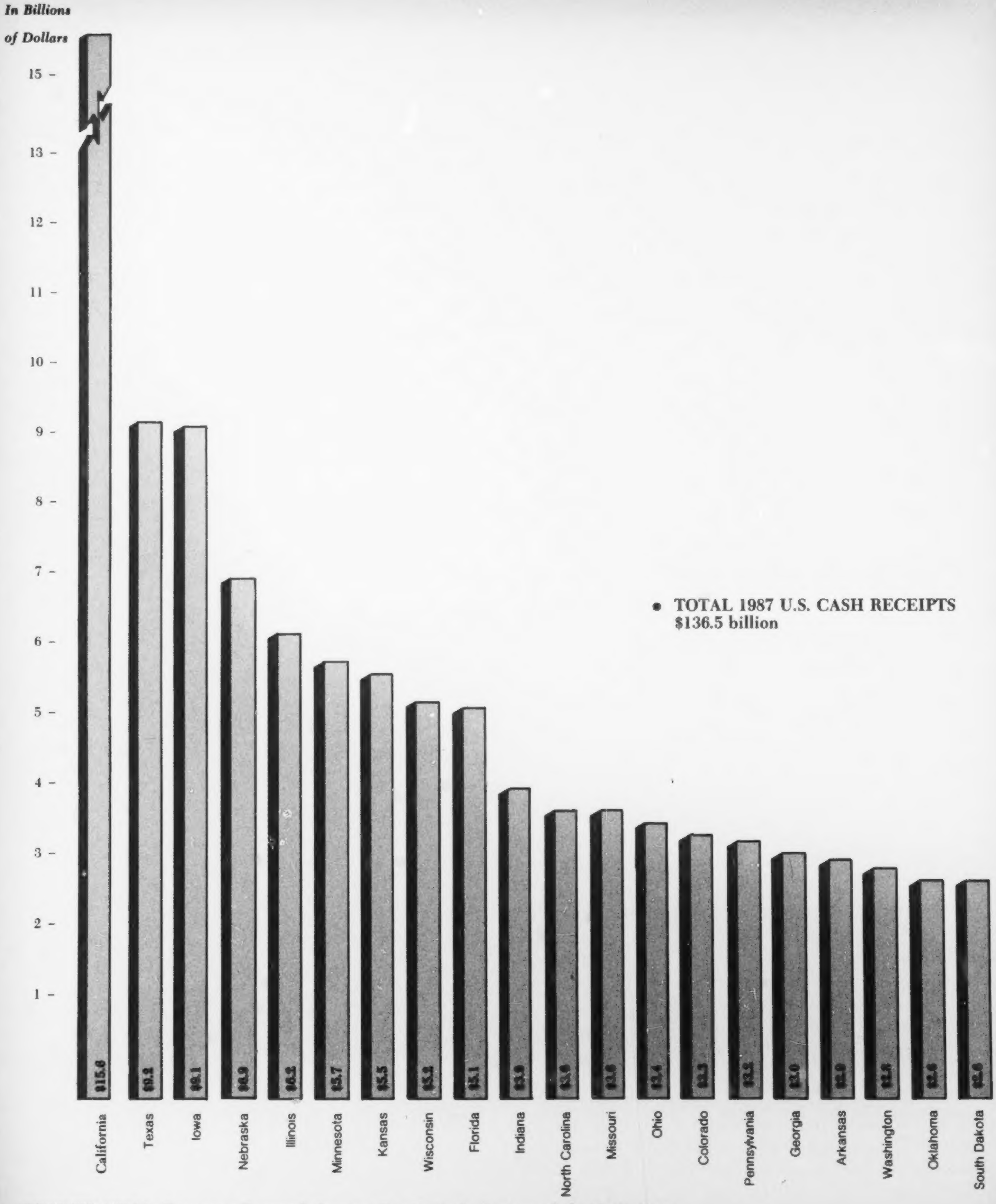
Year	and Month	Broccoli per cwt.	Cantaloupe per cwt.	Carrots per cwt.	Cauliflower per cwt.	Celery per cwt.	Honeydew Melons per cwt.	Lettuce per cwt.	Strawberries per cwt.	Market Tomatoes per cwt.
		Dollars								
1987	January	31.90	–	12.76	35.80	14.80	–	14.20	101.00	–
	February	17.70	–	12.54	24.10	13.00	–	8.73	125.00	–
	March	23.60	–	11.69	30.80	12.90	–	14.60	92.70	–
	April	18.40	–	8.90	31.40	11.30	–	8.30	46.10	–
	May	17.30	36.00	10.30	27.10	12.00	–	8.12	50.40	38.20
	June	16.00	12.00	12.30	23.00	9.90	17.90	8.82	54.90	23.90
	July	17.00	7.79	9.80	23.00	8.09	8.57	17.10	55.90	17.30
	August	16.50	10.70	7.59	23.40	8.77	12.90	18.10	54.00	15.30
	September	17.50	11.30	8.55	23.80	11.70	13.00	16.20	68.10	19.60
	October	19.60	9.68	9.37	23.40	7.34	11.80	13.30	116.00	24.20
	November	28.80	15.00	8.70	39.80	9.43	12.60	39.50	146.00	44.20
	December	34.40	–	12.54	50.80	15.01	15.30	30.30	–	32.10
1987	Average	21.40	11.50	10.60	28.40	10.76	11.80	15.10	58.00	21.58
1986	Average	21.40	12.40	13.00	25.80	11.65	11.00	11.50	58.30	22.80
1985	Average	24.00	11.30	11.60	29.90	10.33	10.20	11.00	51.90	19.35

California's Leading Agricultural Counties*
By Total Value of Production—1987

Rank 1987	Rank 1986	County	Value of Production 000 Dollars
1	1	**Fresno**	**2,270,170**
2	2	Tulare	1,606,162
3	3	**Kern**	**1,379,921**
4	4	Monterey	1,087,319
5	5	**Riverside**	**970,741**
6	6	**Merced**	**942,482**
7	7	Stanislaus	881,306
8	8	**Imperial**	**805,815**
9	9	San Joaquin	746,095
10	10	**Ventura**	**669,273**
11	13	**Kings**	**640,178**
12	11	San Diego	564,372
13	12	**San Bernardino**	**549,937**
14	14	Madera	421,133
15	15	**Santa Barbara**	**381,663**
16	16	**Los Angeles**	**250,520**
17	18	San Luis Obispo	247,811
18	17	**Orange**	**245,086**
19	20	Sonoma	227,069
20	19	**Sutter**	**216,184**
21	23	**Butte**	**202,095**
22	21	San Mateo	199,735
23	24	**Yolo**	**186,631**
24	22	Sacramento	184,074
25	25	**Glenn**	**161,899**
26	27	**Santa Cruz**	**149,719**
27	26	Colusa	149,049
28	29	**Solano**	**147,617**
29	28	Santa Clara	142,660
30	30	**Siskiyou**	**125,992**
31	31	**San Benito**	**111,082**
32	32	Napa	89,421
33	34	**Yuba**	**81,441**
34	33	Tehama	80,329
35	35	**Contra Costa**	**60,856**

** Does not include value of timber products.*
SOURCE: California Agricultural Commissioners' Annual Crop Reports.

Top 20 States in 1987 Cash Farm Receipts



- **TOTAL 1987 U.S. CASH RECEIPTS $136.5 billion**

SOURCE: USDA, Economic Research Service, Economic Indicators of the Farm Sector.

Number of California's Crops

Fruit and Nut Crops

Deciduous Fruits	16
Nuts	9
Citrus Fruits	11
Subtropical Fruits (Non-Citrus)	14
Grapes	3
Small Fruits (Berries)	8
TOTAL	61

Vegetable and Melon Crops

Vegetables for Market	83
Vegetables for Seed	30
Melons	9
TOTAL	122

Field Crops

Dry Edible Beans	10
Grains	12
Seeds	27
Hay and Forage	10
Fiber and Sugar	4
TOTAL	63

Miscellaneous Crops

Oil	11
Rubber	1
Energy	9
Seasoning Condiments	14
TOTAL	35
CROPS SUB -TOTAL	281

Nursery Crops*

Flowers, Foliage, Cut Greens, Potted Plants	153
Bulbs, Corms, Rhizomes, Roots,Tubers	8
Flower Seed	1
Propagative Materials	1
Bedding Plants	1
Rose Plants	1
Woody Ornamentals	1
Christmas Trees	1
Herbaceous Perennials	80
Turf Category (Includes Grass & Sod)	1
Nursery Other Than Ornamentals (Vegetable plants, commercial deciduous fruit & nut trees, vines, strawberry plants, etc.)	1
NURSERY SUB-TOTAL	249

TOTAL CALIFORNIA CROPS	530

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* A more detailed list furnished upon request.

Estimated Value of California's Leading Agricultural Exports—1987
Valued at Port of Exportation

Rank	*Commodity Group*	*Value $1,000*	*Change From 1986 Percent*	*Farm Level Export Value as % of Value of Production Percent*
1	**Cotton Lint**	**619,960**	**+43**	**62.4**
2	Almonds	464,888	+11	61.0
3	**Grapes**	**295,817**	**+20**	**13.2**
4	Oranges	181,069	−8	21.6
5	**Walnuts**	**120,489**	**+27**	**45.0**
6	Beef	110,084	+9	2.5
7	**Prunes**	**87,913**	**+21**	**51.3**
8	Lemons	75,489	−4	30.3
9	**Rice**	**71,852**	**+31**	**42.9**
10	Wheat	69,007	+183	36.4
11	**Strawberries**	**63,261**	**+14**	**7.7**
12	Alfalfa	58,547	−29	7.1
13	**Vegetable Seeds**	**50,676**	**+7**	**N/A**
14	Peaches	44,009	−4	6.7
15	**Tomatoes**	**41,824**	**+16**	**2.0**
16	Melons	41,446	N/A	9.6
17	**Lettuce**	**40,878**	**+15**	**7.0**
18	Plums	39,543	+66	20.2
19	**Flowers and Nursery**	**32,459**	**+12**	**2.4**
20	Dairy	31,294	+29	1.4
21	**Onions**	**28,405**	**0**	**7.7**
29	Dry Beans	25,962	−2	32.3
23	**Sweet Cherries**	**24,071**	**N/A**	**21.5**
24	Grapefruit	23,648	−20	26.6
25	**Avocados**	**23,495**	**+67**	**20.3**
	TOTAL ALL COMMODITIES	3,336,844	+18	

1986-87 and 1987-88 Season Rainfall, with Comparisons to Normal

California Stations	1986–87 Preciptation July 1 to June 26	1986–87 Percent of Normal	1987–88 Precipitation July 1 to June 26	1987–88 Percent of Normal	Normal Annual Rainfall
	Inches	*Percent*	*Inches*	*Percent*	*Inches*
North Coast					
Eureka	27.59	69	32.29	81	39.76
Ukiah	27.77	77	30.22	84	35.94
Santa Rosa	21.55	73	16.91	58	29.25
Lakeport	18.36	64	26.63	93	28.52
St. Helena	19.29	58	25.57	77	33.11
Central Coast					
San Francisco AP	10.75	55	14.34	73	19.53
San Jose	7.71	58	10.78	82	13.11
Livermore	9.64	66	7.24	50	14.40
Salinas AP	8.71	61	6.43	45	14.14
King City	6.41	61	12.48	119	10.46
Paso Robles AP	5.66	46	11.91	97	12.25
Sacramento Valley					
Redding	24.47	59	30.22	74	40.96
Willows	11.00	62	15.90	90	17.70
Chico	19.03	73	19.74	76	26.06
Marysville	14.23	69	17.28	84	20.59
Woodland	10.66	61	17.80	103	17.28
Sacramento AP	12.76	74	12.96	75	17.22
San Joaquin Valley					
Stockton AP	9.38	66	10.01	71	14.17
Newman	5.85	56	8.62	83	10.38
Merced	10.18	83	8.55	71	12.12
Fresno AP	9.32	91	8.07	79	10.24
Five Points	4.60	70	6.94	106	6.53
Kettleman Station	6.04	96	7.00	112	6.24
Porterville	6.66	60	8.88	80	11.06
Bakersfield AP	5.58	97	5.55	97	5.72
South Coast					
Santa Maria AP	9.12	74	12.39	101	12.25
Santa Barbara AP	10.18	65	10.54	68	15.60
Oxnard	7.10	48	11.07	75	14.75
Los Angeles	7.61	54	11.84	84	14.06
Riverside	6.76	68	8.61	87	9.92
Corona	5.99	48	10.88	88	12.42
San Diego AP	9.58	101	13.18	139	9.45
Southeastern Interior					
Bishop AP	.99	17	4.38	77	5.72
Lancaster	2.28	33	7.77	114	6.80
Daggett AP	4.34	92	1.13	24	4.70
Thermal AP	.87	29	2.91	99	2.93
Blythe AP	2.61	65	1.76	44	3.96
Imperial	3.24	114	1.09	38	2.84
Cascade-Sierra					
Tulelake	7.21	71	11.10	109	10.21
Alturas	9.06	71	10.87	85	12.82
Mt. Shasta City	21.51	57	23.04	61	37.49
Blue Canyon AP	36.14	53	43.98	65	67.58
Yosemite Valley	20.22	55	21.56	59	36.51
Huntington Lake	25.80	79	31.71	98	32.45

SOURCE: National Weather Service Office, Sacramento, CA

California Department of Food and Agriculture

Director's Office

Director	Jack Parnell
Chief Deputy Director	Dan Haley
Deputy Director	R. Wm. Tracy
Deputy Director	Bob Fox
Legislative Coordinator	Lucinda Chipponeri
Legislative Assistant	Janice Strong
Administrative Adviser	Herbert L. Cohen
Equal Employment Officer	Arturo Fernandez
Communications Office	Jan Wessell
Agricultural Export Program	George Urda Chief Executive Officer
Crime Prevention Program	Bill Hooten

Regional Coordinators

North	Vacant
South	Joe Bandy

Division and Staff Functions

ADMINISTRATIVE SERVICES, DIVISION OF	Shamin Khan Assistant Director
Human Resources Branch Chief	Michael Navarro
Women's Program	Yolanda Nicholls
Electronic Data Processing	Deborah Gale
Training	Ken Klein
Labor Relations	Sis Narramore
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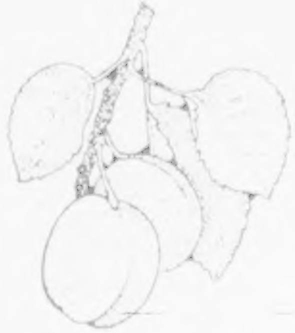
CALIFORNIA FRUIT & NUT STATISTICS

1979-88



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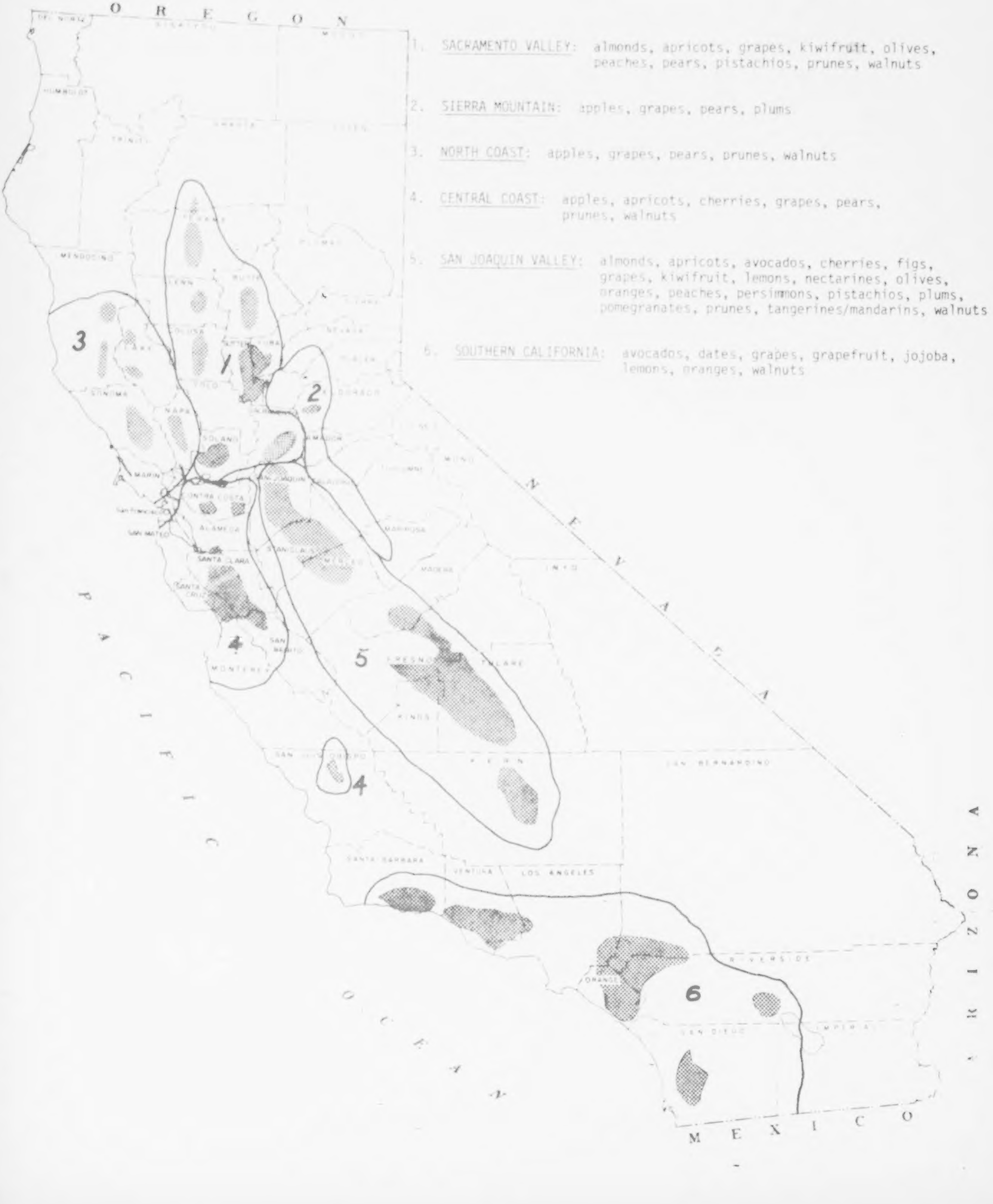
O R E G O N
DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
LAKE
COLUSA
SUTTER
YUBA
NEVADA
PLACER
SONOMA
YOLO
EL DORADO
NAPA
SACRAMENTO
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RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL
N E V A D A
A R I Z O N A
M E X I C O
P A C I F I C
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1
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6

1. SACRAMENTO VALLEY: almonds, apricots, grapes, kiwifruit, olives, peaches, pears, pistachios, prunes, walnuts
2. SIERRA MOUNTAIN: apples, grapes, pears, plums
3. NORTH COAST: apples, grapes, pears, prunes, walnuts
4. CENTRAL COAST: apples, apricots, cherries, grapes, pears, prunes, walnuts
5. SAN JOAQUIN VALLEY: almonds, apricots, avocados, cherries, figs, grapes, kiwifruit, lemons, nectarines, olives, oranges, peaches, persimmons, pistachios, plums, pomegranates, prunes, tangerines/mandarins, walnuts
6. SOUTHERN CALIFORNIA: avocados, dates, grapes, grapefruit, jojoba, lemons, oranges, walnuts

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CALIFORNIA FRUIT AND NUT STATISTICS

This bulletin contains preliminary estimates for 1988 and final 1979-1987 California fruit and nut statistics. Final revisions have been made based on review of marketing order data, recorded truck and rail movement, quantities used by processors, and other available check data. Estimates of production and prices for 1988 are preliminary and subject to revision after final data are received.

Utilization and price data are shown in one table for ease of reading.

Explanatory "Notes for the Users" on page 1 provide general information regarding the data shown and covers special or unique factors pertaining to individual crop data.

Data presented in this publication are made possible by the voluntary cooperation of growers, fresh shippers, processors, and other representatives of the California fruit and nut industry. Their cooperation is greatly appreciated.

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United States Department of Agriculture
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Agricultural Statistics Branch

April 1989

NOTES FOR USERS

1. PRODUCTION

Total production is the quantity actually harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested. It also includes fruit that was harvested but not sold due to marketing conditions.

Utilized production is the amount sold, plus the quantities used at home or held in storage.

Yield is based on fresh weight total production.

2. UTILIZATION

Utilization refers to first, but not necessarily final, utilization. For example, frozen fruit used for preserves is included as frozen.

Canned: Includes all canned products -- jam, jelly, baby food, nectar, juice, puree, and all fruit packs combined.

Dried: Tonnage published is the equivalent fresh tonnage weight for most fruits. Data acquired from dry yards and dehydrators provide the dried tonnage and the estimated drying ratio. The equivalent green tonnage used for drying is derived. The following table lists the tons of green fruit required to produce one dried ton.

Year	Apples	Apricots	Figs	Raisins	Freestone Peaches	Pears	Prunes
1979	8.90	7.30	3.00	4.55	9.20	6.20	3.14
1980	8.40	7.00	3.00	5.22	8.00	5.40	3.48
1981	10.00	6.90	3.00	4.00	8.50	5.00	3.15
1982	8.50	6.88	3.00	5.24	8.70	6.00	3.20
1983	8.50	6.88	3.00	4.48	9.00	6.00	3.20
1984	8.50	6.40	3.00	4.15	9.00	5.90	3.00
1985	8.50	6.50	3.00	4.50	8.00	6.50	3.05
1986	8.50	6.80	3.00	4.26	9.00	6.40	3.00
1987	8.30	7.92	3.00	4.02	9.00	7.10	3.00
1988	N/A	6.70	3.00	5.00	8.20	6.50	3.11

3. PRICE AND VALUE

a. Noncitrus Fruits and Nuts

Average grower return: The entire data series is based on the equivalent return at the first delivery point. The first delivery point price is defined as the price received by growers for fruit delivered at the local market, receiving house, receiving station, or any other first delivery point. Drying costs are excluded from grower return on all fruit crops except grapes.

Price and Value: The difference between first delivery point and PHD prices is transportation costs. Prices are season averages computed on the basis of all methods of sale. Returns at the processing plant door for "processing" utilization and returns at the packinghouse door for "fresh market" utilization are weighted together to obtain the season average. Value should not be confused with cash receipts from these crops for a single calendar year. The season average price is applied to utilized production to compute value of production.

b. Citrus Fruits

Price and value, published as "grower return per box", are based on equivalent packinghouse door returns for the entire data series.

4. CITRUS AND AVOCADO CROP YEAR

Production for the crop year is from the bloom of the first year shown. For example, 1987-88 would represent the 1988 production from the 1987 bloom.

5. MISCELLANEOUS NOTES

Strawberry, bushberry, and melon information is available in the Vegetable Crops Annual Bulletin.

1988: GRAPES CONTINUE TO BE LEADING CROP

The total value of California's 1988 fruit and nut crops is estimated to be $3.9 billion, 4.2 percent above 1987. Grapes continued to lead with 31 percent of the total.

Production for 1988 fruit and nut crops is estimated at 12.3 million tons, down only 0.6 percent from 1987. Total bearing acreage of 1,951,250 was off slightly from a year ago. Average value of production per acre of $1,983 was up $92 from a year ago.

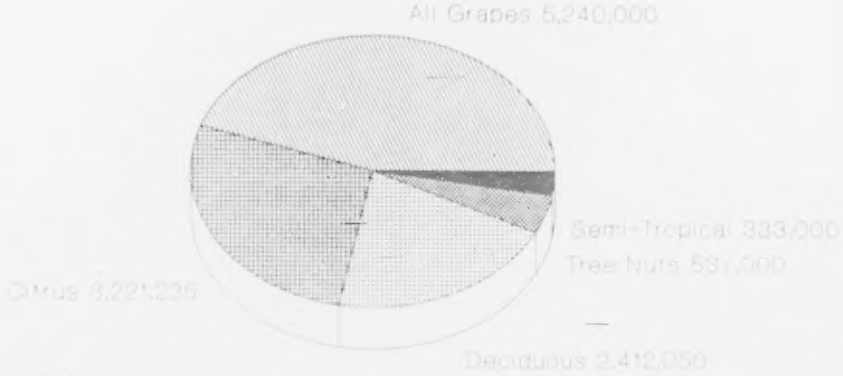
Cold, Arctic air ushered in the New Year. Preventative measures kept citrus and avocado damage to 10-15 percent in most areas. Damaged fruit was downgraded from fresh to processing uses. Near normal temperatures and generally scattered rains returned to dominate January's weather. Spring-like temperatures in February pushed the almonds and stone fruit orchards into an early, full bloom near month's end. Mild and generally dry weather continued into early March. The unusually warm, dry spring gave way to a frost by mid-month. Damage in the San Joaquin Valley was spotty. Above normal temperatures returned and continued through mid-April. Late in the month, localized hail and wind damaged some San Joaquin Valley almonds, apricots and peaches. May entered with cool temperatures, strong winds and rain causing damage mainly to the cherry crop. Normal to above normal temperatures moved in and continued through early June. Precipitation was scattered to light with seasonal totals falling 30 percent below average. Temperatures of up to 16 degrees below normal were felt for a few days in June. July was generally hot with above average temperatures and several record breaking highs. By contrast, August was cooler than normal. Good harvest conditions continued into September with generally dry, warm conditions. Only scattered rain fell in October while temperatures were mostly above average. November and December continued drier than normal but with average temperature ranges.

TABLE 1 --- ALL CALIFORNIA FRUITS AND NUTS: TOTAL ACREAGE, PRODUCTION, AND VALUE BY GROUPS, 1979-88

CROP	CROP YEAR	BEARING ACREAGE	PRODUCTION	AVERAGE VALUE PER ACRE a/	VALUE OF UTILIZED PRODUCTION
		--- Acres ---	-- Short Tons --	-- DOLLARS --	-- (000) Dollars --
DECIDUOUS TREE FRUITS b/	1979	276,700	2,271,300	2,035	563,183
	1980	276,900	2,355,500	2,155	596,664
	1981	268,300	2,190,150	2,055	551,293
	1982	272,000	1,900,800	1,841	500,634
	1983	270,500	1,685,000	1,777	480,664
	1984	271,400	2,075,700	2,027	550,202
	1985	273,900	2,048,400	2,218	607,527
	1986	273,700	1,793,200	2,278	623,355
	1987	279,200	2,698,420	2,477	691,525
	1988	278,800	2,412,050	2,579	718,953 h/
GRAPES c/	1979	593,800	4,558,000	1,808	1,073,647
	1980	597,900	5,124,000	2,061	1,232,511
	1981	593,500	3,993,000	2,034	1,207,145
	1982	617,500	6,076,000	2,019	1,246,827
	1983	643,900	4,919,000	1,472	947,894
	1984	667,800	4,670,000	1,321	882,117
	1985	682,500	5,207,000	1,285	877,048
	1986	670,900	4,770,000	1,580	1,060,244
	1987	661,400	4,660,000	1,824	1,206,660
	1988	653,700	5,240,000	1,863	1,217,740
TREE NUTS d/	1979	529,180	404,600	1,472	778,976
	1980	533,220	371,450	1,337	712,877
	1981	529,380	436,250	1,034	547,429
	1982	547,880	429,200	1,119	612,888
	1983	568,280	333,200	695	394,977
	1984	589,730	539,550	1,125	663,462
	1985	621,300	465,050	920	571,873
	1986	631,000	342,450	1,166	735,469
	1987	628,300	594,100	1,495	939,347
	1988	627,000	537,000	1,434	899,375 h/
SEMITROPICAL TREE FRUITS e/	1979	98,200	245,020	1,392	136,681
	1980	105,700	251,850	1,707	180,451
	1981	112,600	343,400	1,270	143,017
	1982	119,500	365,100	1,775	212,057
	1983	123,100	316,400	1,157	142,399
	1984	127,500	396,550	1,339	170,680
	1985	128,100	363,000	1,623	207,899
	1986	129,300	339,300	1,991	257,495
	1987	129,400	413,700	1,299	168,051
	1988	128,300	333,000	2,197	281,849 h/
CITRUS FRUITS f/	78-79	265,000	2,189,390	1,564	414,591
	79-80	264,600	3,206,925	1,521	402,371
	80-81	266,200	3,703,645	1,723	458,708
	81-82	264,900	2,540,050	1,838	486,869
	82-83	259,900	3,944,175	1,706	443,326
	83-84	259,600	2,781,155	2,113	548,559
	84-85	254,700	3,069,500	2,869	730,629
	85-86	252,900	2,928,500	2,438	616,598
	86-87	251,200	3,376,975	2,563	668,962
	87-88	249,700	3,221,225	2,874	717,583
TOTAL g/	1979	1,762,880	9,668,310	1,683	2,967,078
	1980	1,778,320	11,309,725	1,757	3,124,874
	1981	1,769,980	10,666,445	1,643	2,907,592
	1982	1,821,780	11,311,150	1,679	3,059,275
	1983	1,865,680	11,197,775	1,291	2,409,260
	1984	1,916,030	10,462,955	1,469	2,815,020
	1985	1,960,500	11,152,950	1,528	2,994,976
	1986	1,957,800	10,173,450	1,682	3,293,161
	1987	1,962,889	12,420,005	1,891	3,712,385
	1988	1,951,250	12,340,955	1,983	3,869,120

1988 FRUIT AND NUT PRODUCTION

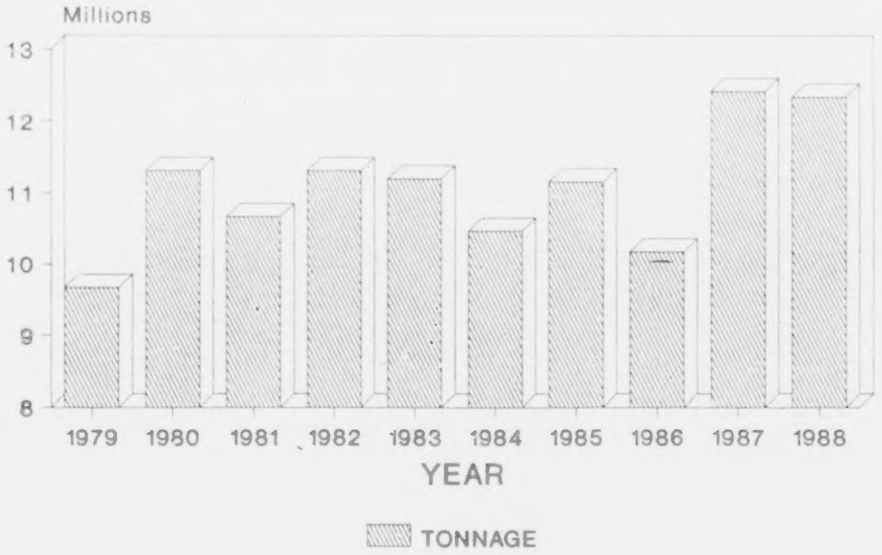
TOTAL TONNAGE BY GROUP



SOURCE: TABLE 1, PAGE 3

CALIFORNIA FRUIT AND NUT PRODUCTION

TOTAL TONNAGE 1979 - 1988



SOURCE: TABLE 1, PAGE 3

TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1979-88 (continued)

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
APPLES	1979	21,800	4,200	300,000	13.80	184.00	202.00	60,600
	1980	22,400	4,900	260,000	11.60	138.00	140.00	36,520
	1981	23,100	4,300	313,000	13.50	140.00	142.00	42,924
	1982	22,800	5,100	240,000	10.50	220.00	224.00	53,847
	1983	23,800	5,400	230,000	9.66	231.00	236.00	54,218
	1984	21,300	6,600	260,000	12.20	249.00	260.00	67,645
	1985	21,800	7,300	310,000	14.20	186.00	188.00	58,540
	1986	21,200	8,400	257,500	12.10	318.00	326.00	83,903
	1987	22,500	6,900	325,000	14.40	216.00	222.00	72,070
	1988	22,200	6/12/89	275,000	12.40	306.00	312.00	85,800
APRICOTS	1979	24,200	1,100	140,000	5.79	254.00	265.00	37,037
	1980	24,100	2,000	125,000	5.19	271.00	288.00	36,000
	1981	22,600	2,000	86,500	3.83	294.00	308.00	26,615
	1982	21,800	2,100	115,000	5.28	301.00	318.00	34,337
	1983	22,300	2,000	89,500	4.01	286.00	306.00	26,989
	1984	22,800	1,700	123,000	5.39	285.00	302.00	34,178
	1985	23,000	1,900	128,000	5.57	251.00	255.00	26,276
	1986	22,000	1,400	50,000	2.27	356.00	371.00	18,564
	1987	22,000	1,100	110,000	5.00	322.00	333.00	33,970
	1988	21,500	6/12/89	95,000	4.42	327.00	340.00	29,613
AVOCADOS	78-79	43,500	20,000	123,000	2.83	691.00	691.00	84,993
	79-80	51,100	18,400	75,000	1.47	1496.00	1496.00	112,200
	80-81	59,500	16,300	238,000	4.00	357.00	357.00	84,966
	81-82	65,700	14,500	157,000	2.39	689.00	689.00	108,173
	82-83	68,000	9,000	202,000	2.97	460.00	460.00	92,920
	83-84	72,100	5,200	247,000	3.43	370.00	370.00	91,390
	84-85	73,000	2,600	200,000	2.74	582.00	582.00	116,400
	85-86	74,500	1,300	160,000	2.15	1,015.00	1,015.00	162,400
	86-87	75,000	1,000	278,000	3.71	338.00	338.00	93,964
	87-88	74,700	600	178,000	2.38	1,120.00	1,120.00	199,360
CHERRIES, SWEET	1979	11,200	1,200	36,500	3.26	792.00	811.00	29,616
	1980	11,300	1,900	46,000	4.07	623.00	632.00	29,094
	1981	10,800	1,600	34,250	3.17	711.00	722.00	24,731
	1982	10,700	1,600	12,300	1.15	1,331.00	1,361.00	16,737
	1983	10,600	1,100	16,800	1.58	872.00	876.00	14,717
	1984	10,800	1,000	37,200	3.44	686.00	687.00	25,569
	1985	10,900	1,000	23,500	2.16	1,050.00	1,050.00	24,641
	1986	10,400	1,500	8,400	0.81	1,210.00	1,220.00	10,211
	1987	10,300	1,200	45,000	4.37	631.00	636.00	28,615
	1988	10,300	6/12/89	26,000	2.52	768.00	771.00	20,040
DATES	1979	3,900	500	21,300	5.46	514.00	514.00	10,948
	1980	4,000	600	22,400	5.60	634.00	634.00	14,204
	1981	4,000	800	22,300	5.58	639.00	639.00	14,250
	1982	4,100	700	23,900	5.83	736.00	736.00	17,590
	1983	4,200	900	19,400	4.62	638.00	638.00	10,846
	1984	4,300	1,300	22,500	5.23	816.00	816.00	18,360
	1985	4,400	1,300	29,000	6.59	866.00	866.00	25,114
	1986	4,500	1,200	17,800	3.96	828.00	828.00	14,738
	1987	4,800	900	19,400	4.04	819.00	819.00	15,889
	1988	5,000	6/12/89	21,000	4.20	851.00	851.00	17,871
FIGS	1979	13,900	5,600	38,720	2.79	399.00	399.00	15,444
	1980	14,300	6,600	45,450	3.18	306.00	306.00	13,910
	1981	14,800	5,800	38,200	2.58	329.00	329.00	12,579
	1982	14,700	5,300	37,700	2.56	278.00	278.00	10,499
	1983	15,800	4,400	34,000	2.15	206.00	206.00	6,992
	1984	17,300	1,600	36,450	2.11	288.00	288.00	10,489
	1985	17,800	700	38,000	2.13	318.00	318.00	12,082
	1986	18,000	500	50,000	2.78	283.00	283.00	14,173
	1987	18,100	100	48,800	2.70	328.00	328.00	16,006
	1988	17,700	6/12/89	46,500	2.63	7/10/89	7/10/89	7/10/89

TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1979-88 (continued)

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
GRAPES, ALL c/	1979	593,800	66,900	4,558,000	7.68	236.00	236.00	1,073,647
	1980	597,900	100,000	5,124,000	8.57	241.00	241.00	1,232,511
	1981	593,500	124,800	3,993,000	6.73	302.00	302.00	1,207,145
	1982	617,500	120,700	6,076,000	9.84	231.00	231.00	1,246,827
	1983	643,900	105,500	4,919,000	7.64	198.00	199.00	947,894
	1984	667,800	75,000	4,670,000	6.99	189.00	189.00	882,117
	1985	682,500	51,000	5,207,000	7.98	168.00	168.00	877,048
	1986	670,900	36,900	4,770,000	7.68	222.00	222.00	1,060,244
	1987	661,400	31,500	4,660,000	7.21	259.00	259.00	1,206,660
	1988	653,700	6/12/89	5,240,000	8.33	232.00	232.00	1,217,740
GRAPES, RAISIN c/ d/	1979	239,500	22,100	2,320,000	9.69	238.00	239.00	554,683
	1980	244,000	32,900	2,692,000	11.00	236.00	237.00	636,881
	1981	249,800	36,900	1,779,000	7.12	305.00	306.00	544,143
	1982	259,500	32,000	3,062,000	11.80	217.00	218.00	574,790
	1983	273,800	22,300	2,535,000	9.26	158.00	158.00	377,868
	1984	284,300	15,400	2,295,000	8.07	156.00	156.00	356,092
	1985	283,500	7,900	2,487,000	9.81	141.00	141.00	349,948
	1986	276,900	3,900	2,045,000	9.01	212.00	213.00	434,665
	1987	274,500	2,500	2,170,000	8.36	225.00	225.00	487,690
	1988	270,700	6/12/89	2,410,000	9.81	196.00	197.00	473,665
GRAPES, TABLE	1979	61,800	8,700	417,000	6.75	310.00	310.00	129,270
	1980	63,100	12,100	428,000	6.78	410.00	410.00	175,364
	1981	63,700	16,800	420,000	6.59	440.00	440.00	184,970
	1982	67,400	17,300	612,000	9.08	344.00	344.00	203,613
	1983	71,400	19,300	504,000	7.06	351.00	351.00	176,734
	1984	75,800	16,300	475,000	6.27	304.00	304.00	144,250
	1985	78,200	18,200	580,000	7.42	230.00	230.00	133,360
	1986	81,700	12,400	620,000	7.59	307.00	307.00	190,139
	1987	82,800	9,600	540,000	6.52	435.00	435.00	235,040
	1988	84,100	6/12/89	700,000	8.32	270.00	270.00	189,010
GRAPES, WINE	1979	292,500	36,100	1,821,000	6.23	214.00	214.00	389,694
	1980	290,800	55,000	2,004,000	6.89	210.00	210.00	420,266
	1981	280,000	71,100	1,794,000	6.41	266.00	266.00	478,032
	1982	290,600	71,400	2,402,000	8.27	218.00	218.00	468,424
	1983	298,700	63,900	1,880,000	6.29	209.00	209.00	393,292
	1984	307,700	43,300	1,900,000	6.17	201.00	201.00	381,775
	1985	320,800	24,900	2,140,000	6.67	184.00	184.00	393,740
	1986	312,300	20,600	2,105,000	6.74	207.00	207.00	435,440
	1987	304,100	19,400	1,950,000	6.41	248.00	248.00	483,930
	1988	298,900	6/12/89	2,130,000	7.13	261.00	261.00	555,065
KIWIFRUIT e/	1979							
	1980	1,600	2,700	5,300	3.31	2,400.00	2,400.00	10,080
	1981	3,000	2,800	6,900	2.30	2,000.00	2,000.00	11,000
	1982	3,400	2,800	15,500	4.56	920.00	920.00	10,580
	1983	3,100	2,300	13,500	4.35	1,235.00	1,235.00	14,203
	1984	3,700	2,100	18,000	4.86	1,068.00	1,068.00	17,729
	1985	4,800	1,400	22,000	4.58	813.00	813.00	16,667
	1986	5,600	1,300	24,300	4.34	1,030.00	1,030.00	24,102
	1987	6,500	600	29,000	4.46	710.00	710.00	18,886
	1988	6,700	6/12/89	31,000	4.63	790.00	790.00	22,989
NECTARINES	1979	16,200	9,500	172,000	10.60	197.00	197.00	33,884
	1980	18,400	9,000	191,000	10.40	231.00	231.00	44,045
	1981	21,000	7,400	182,000	8.67	229.00	229.00	41,610
	1982	22,200	2,400	178,000	8.02	249.00	249.00	44,254
	1983	23,000	5,400	185,000	8.04	299.00	299.00	55,374
	1984	24,500	2,800	183,000	7.47	316.00	316.00	57,779
	1985	22,400	3,300	210,000	9.38	327.00	327.00	68,723
	1986	22,800	3,200	172,000	7.54	440.00	440.00	75,720
	1987	23,100	2,500	191,000	8.27	343.00	343.00	65,545
	1988	23,600	6/12/89	200,000	8.47	394.00	394.00	78,861

TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1979-88 (continued)

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
OLIVES	1979	36,900	1,700	62,000	1.68	399.00	408.00	25,296
	1980	36,300	1,500	109,000	3.00	359.00	368.00	40,137
	1981	34,300	1,200	44,900	1.31	685.00	695.00	31,222
	1982	35,000	700	146,500	4.19	514.00	517.00	75,795
	1983	35,100	700	61,000	1.74	509.00	519.00	31,641
	1984	33,800	1,000	90,600	2.68	550.00	557.00	50,441
	1985	32,900	1,400	96,000	2.92	559.00	566.00	54,303
	1986	32,300	1,600	111,500	3.45	587.00	594.00	66,184
	1987	31,500	1,600	67,500	2.14	618.00	625.00	42,192
	1988	30,900	6/12/89	87,500	2.83	557.00	564.00	49,318
PEACHES, ALL	1979	60,500	16,300	934,000	15.40	169.00	189.00	167,602
	1980	61,400	15,000	985,500	16.10	168.00	191.00	177,032
	1981	57,000	13,200	818,000	14.40	198.00	219.00	168,638
	1982	58,200	9,700	758,500	13.00	177.00	192.00	130,681
	1983	55,000	13,900	559,000	10.20	184.00	199.00	104,751
	1984	54,900	9,000	749,500	13.70	183.00	199.00	141,398
	1985	54,400	9,000	735,500	13.50	200.00	223.00	156,104
	1986	54,300	9,800	714,000	13.10	204.00	225.00	154,111
	1987	53,700	9,600	715,500	13.30	215.00	233.00	158,352
	1988	52,900	6/12/89	769,000	14.50	240.00	258.00	189,220
PEACHES, CLINGSTONE	1979	39,700	8,400	700,000	17.60	156.00	178.00	116,590
	1980	39,200	7,100	747,500	19.10	160.00	188.00	129,908
	1981	33,800	6,500	601,000	17.80	182.00	208.00	115,072
	1982	34,300	6,000	551,000	16.10	164.00	184.00	86,820
	1983	29,900	6,300	341,500	11.40	160.00	180.00	55,710
	1984	28,700	5,600	521,000	18.20	180.00	200.00	96,600
	1985	29,000	5,800	492,500	17.00	190.00	220.00	100,925
	1986	29,300	6,600	466,500	15.90	168.00	196.00	85,603
	1987	28,800	7,000	460,000	16.00	190.00	212.00	90,100
	1988	28,300	6/12/89	507,500	17.90	208.00	232.00	109,620
PEACHES, FREESTONE	1979	20,800	7,900	234,000	11.30	204.00	218.00	51,012
	1980	22,200	7,900	238,000	10.70	191.00	198.00	47,124
	1981	23,200	6,700	217,000	9.35	240.00	247.00	53,566
	1982	23,900	3,700	207,500	8.68	207.00	211.00	43,861
	1983	25,100	7,600	217,500	8.67	218.00	225.00	49,041
	1984	26,200	3,400	228,500	8.72	189.00	196.00	44,798
	1985	25,400	3,200	243,000	9.57	220.00	228.00	55,179
	1986	25,000	3,200	247,500	9.90	267.00	276.00	68,508
	1987	24,900	2,600	255,500	10.30	256.00	268.00	68,252
	1988	24,600	6/12/89	261,500	10.60	298.00	304.00	79,600
PEARS, ALL	1979	36,800	2,200	364,800	9.91	173.00	197.00	71,973
	1980	35,600	1,700	397,700	11.20	155.00	184.00	73,195
	1981	31,200	1,700	376,000	12.10	150.00	176.00	66,286
	1982	30,100	1,400	321,500	10.70	128.00	150.00	48,164
	1983	26,800	1,600	267,700	10.00	122.00	148.00	39,530
	1984	25,500	1,600	312,000	12.20	154.00	179.00	53,534
	1985	24,700	1,700	292,500	11.80	213.00	238.00	69,735
	1986	23,100	2,100	294,000	12.70	204.00	232.00	68,140
	1987	23,100	1,700	337,000	14.60	172.00	192.00	64,794
	1988	22,400	6/12/89	303,000	13.50	132.00	246.00	74,589
PEARS, BARTLETT	1979	35,100	1,700	355,000	10.10	172.00	197.00	69,935
	1980	33,900	1,200	387,000	11.40	155.00	185.00	71,496
	1981	29,800	800	366,000	12.30	149.00	176.00	64,514
	1982	28,700	500	314,000	10.90	126.00	148.00	46,410
	1983	25,400	500	259,500	10.20	115.00	142.00	36,812
	1984	24,200	400	302,000	12.50	150.00	176.00	51,007
	1985	23,400	400	282,000	12.10	207.00	233.00	65,814
	1986	21,900	400	285,000	13.00	195.00	223.00	63,445
	1987	21,700	200	325,000	15.00	155.00	176.00	57,058
	1988	20,700	6/12/89	292,000	14.10	207.00	237.00	69,308

TABLE 2 --- CALIFORNIA NONCITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1979-88 (continued)

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN a/	PRICE b/	TOTAL VALUE
		--- Acres ---		--- Tons ---		-- Dollars/Ton --		-- (000) Dollars --
PEARS, OTHER	1979	1,700	500	9,800	5.76	197.00	208.00	2,038
	1980	1,700	500	10,700	6.29	149.00	159.00	1,699
	1981	1,400	900	10,000	7.14	168.00	177.00	1,772
	1982	1,400	900	7,500	5.36	220.00	234.00	1,754
	1983	1,400	1,100	8,200	5.86	330.00	331.00	2,718
	1984	1,300	1,200	10,000	7.69	253.00	253.00	2,527
	1985	1,300	1,300	10,500	8.08	367.00	373.00	3,921
	1986	1,200	1,700	9,000	7.50	519.00	522.00	4,595
	1987	1,400	1,500	12,000	8.57	644.00	645.00	7,[illegible]36
	1988	1,700	6/12/89	11,000	6.47	480.00	480.00	5,281
PLUMS	1979	28,500	11,500	175,000	6.14	277.00	277.00	48,475
	1980	29,400	11,500	160,000	5.44	449.00	449.00	71,810
	1981	30,900	9,800	197,500	6.39	309.00	309.00	61,062
	1982	32,900	4,100	118,000	3.59	620.00	620.00	73,139
	1983	34,900	8,500	158,500	4.54	435.00	435.00	69,020
	1984	35,800	6,900	225,000	6.28	212.00	212.00	47,796
	1985	36,600	5,600	166,500	4.55	514.00	514.00	85,512
	1986	38,200	4,700	152,000	3.98	657.00	657.00	99,857
	1987	39,200	3,600	245,000	6.25	308.00	308.00	75,361
	1988	40,000	6/12/89	216,000	5.40	475.00	475.00	102,661
POMEGRANATES	1979	2,800	1,000	13,000	4.64	324.00	324.00	3,564
	1980	3,100	900	17,000	5.48	259.00	259.00	4,144
	1981	3,300	1,000	16,500	5.00	278.00	278.00	4,114
	1982	3,300	900	16,000	4.85	232.00	232.00	3,341
	1983	3,300	700	20,000	6.06	270.00	272.00	5,147
	1984	3,400	500	20,000	5.88	105.00	106.00	2,010
	1985	3,600	300	19,400	5.39	317.00	318.00	5,529
	1986	3,500	300	22,000	6.29	394.00	395.00	7,666
	1987	3,400	200	18,500	5.44	340.00	340.00	5,617
	1988	3,400	6/12/89	15,000	4.41	7/10/89	7/10/89	7/10/89
PRUNES (Dried Basis)	1979	74,700	12,100	136,000	1.82	812.00	812.00	110,432
	1980	69,600	13,300	168,000	2.41	683.00	683.00	114,744
	1981	65,400	13,300	159,500	2.44	654.00	654.00	104,313
	1982	66,600	12,900	126,000	1.89	679.00	679.00	85,554
	1983	67,700	13,300	145,000	2.14	667.00	667.00	96,715
	1984	68,700	13,200	148,000	2.15	693.00	693.00	102,564
	1985	71,700	12,800	141,000	1.97	680.00	680.00	95,800
	1986	72,600	10,400	99,000	1.36	819.00	819.00	81,081
	1987	75,400	6,700	229,000	3.04	735.00	735.00	168,315
	1988	75,800	6/12/89	155,000	2.04	7/10/89	7/10/89	7/10/89

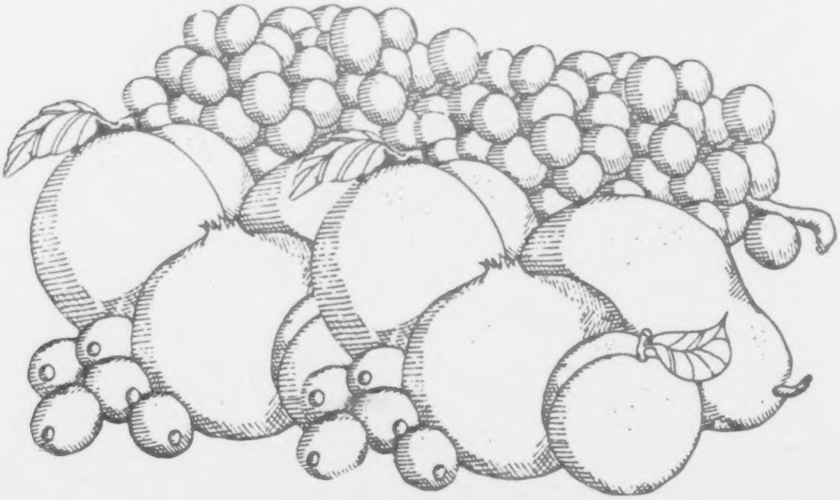


TABLE 3 --- CALIFORNIA CITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1978-88

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN PER BOX	TOTAL VALUE
		--- Acres ---		(000) Boxes	- Boxes -	-- Dollars --	-- (000) Dollars --
GRAPEFRUIT, ALL a/	1978-79	19,600	5,600	6,130	313	4.97	30,446
	1979-80	21,300	3,500	7,500	352	2.96	22,216
	1980-81	21,800	3,200	8,060	370	4.58	36,929
	1981-82	22,000	2,300	6,150	280	3.20	19,661
	1982-83	21,700	1,800	7,300	336	3.33	24,304
	1983-84	21,900	1,500	7,240	331	4.23	30,652
	1984-85	21,100	1,300	8,800	417	7.15	62,936
	1985-86	20,900	1,300	8,100	388	7.33	59,280
	1986-87	20,700	1,500	9,300	449	6.06	56,251
	1987-88	20,600	900	8,900	432	6.25	55,404
GRAPEFRUIT, DESERT VALLEY	1978-79	9,900		3,260	329	3.64	11,867
	1979-80	10,300		4,200	408	2.33	9,781
	1980-81	10,100	b/	4,260	422	4.34	18,501
	1981-82	10,400	700	3,400	327	3.02	10,282
	1982-83	9,900	700	4,100	414	2.82	11,576
	1983-84	10,300	700	3,340	324	4.01	13,388
	1984-85	9,700	400	3,800	392	6.83	25,956
(Net weight per box:	1985-86	9,400	500	3,600	383	6.81	24,504
64 pounds)	1986-87	9,200	600	4,300	467	5.48	23,578
	1987-88	9,000	400	4,200	467	5.24	22,008
GRAPEFRUIT, OTHER AREAS	1978-79	9,700		2,870	296	6.47	18,579
	1979-80	11,000		3,300	300	3.77	12,435
	1980-81	11,700	b/	3,800	325	4.85	18,428
	1981-82	11,600	1,600	2,750	237	3.41	9,379
	1982-83	11,800	1,100	3,200	271	3.98	12,728
	1983-84	11,600	800	3,900	336	4.43	17,264
	1984-85	11,400	900	5,000	439	7.40	36,980
(Net weight per box:	1985-86	11,500	800	4,500	391	7.73	34,776
67 pounds)	1986-87	11,500	900	5,000	435	6.53	32,673
	1987-88	11,600	500	4,700	405	7.11	33,396
ORANGES, ALL	1978-79	186,400	4,300	37,300	200	6.88	256,788
	1979-80	185,100	4,300	59,400	321	3.85	228,772
	1980-81	183,300	4,300	65,250	356	4.47	291,797
	1981-82	180,300	4,700	41,900	232	8.80	368,740
	1982-83	177,300	4,500	76,100	429	4.16	316,699
	1983-84	177,600	5,200	48,500	273	8.21	398,161
(All varieties--net weight	1984-85	175,300	6,800	52,400	299	9.66	505,970
per box: 75 pounds)	1985-86	174,700	7,600	53,900	309	6.77	364,952
	1986-87	173,000	12,700	57,900	335	7.50	434,124
	1987-88	172,000	13,500	58,800	342	7.80	458,446
ORANGES, NAVEL & MISC.	1978-79	111,000	3,500	20,800	187	7.05	146,718
	1979-80	111,100	3,200	32,600	293	3.93	128,189
	1980-81	110,200	3,100	38,750	352	4.01	155,341
	1981-82	108,100	2,900	26,500	245	7.22	191,436
	1982-83	108,900	2,700	40,200	369	4.61	185,328
	1983-84	109,500	2,800	33,700	308	5.57	187,721
	1984-85	108,000	3,500	26,200	243	11.36	297,610
	1985-86	107,100	4,200	33,000	308	7.15	235,980
	1986-87	106,100	7,400	34,500	325	7.04	242,840
	1987-88	105,500	8,100	31,500	299	7.82	246,462
ORANGES, VALENCIA	1978-79	75,400	800	16,500	219	6.67	110,070
	1979-80	74,000	1,100	26,800	362	3.75	100,583
	1980-81	73,100	1,200	26,500	363	5.15	136,456
	1981-82	72,200	1,800	15,400	213	11.51	177,304
	1982-83	68,400	1,800	35,900	525	3.66	131,371
	1983-84	68,100	2,400	14,800	217	14.22	210,440
	1984-85	67,300	3,300	26,200	389	7.95	208,360
	1985-86	67,600	3,400	20,900	309	6.17	128,972
	1986-87	66,900	5,300	23,400	350	8.17	191,284
	1987-88	66,500	5,400	27,300	411	7.76	211,984

TABLE 3 --- CALIFORNIA CITRUS FRUITS: ACREAGE, PRODUCTION, PRICE, AND VALUE, 1978-88

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN PER BOX	TOTAL VALUE
		--- Acres ---		(000) Boxes	- Boxes -	-- Dollars --	-- (000) Dollars --
LEMONS	1978-79	50,300	7,200	14,100	280	7.98	112,487
	1979-80	49,800	7,700	17,700	355	8.12	143,674
	1980-81	52,700	5,700	24,300	461	5.04	122,384
	1981-82	54,200	4,800	18,500	341	4.58	84,744
	1982-83	52,000	2,700	20,300	390	4.38	89,011
	1983-84	51,500	2,200	17,250	335	6.15	106,163
	1984-85	49,600	1,800	19,800	399	7.10	140,514
(Net weight per box:	1985-86	48,800	1,500	15,100	309	11.29	170,426
76 pounds)	1986-87	48,900	1,100	21,500	440	7.11	152,890
	1987-88	48,900	500	17,000	348	10.08	171,436
TANGERINES c/	1978-79	8,700	1,100	1,450	167	10.26	14,870
	1979-80	8,400	1,200	1,650	196	4.67	7,709
(Including Mandarines	1980-81	8,400	1,200	1,860	221	4.08	7,598
and Mandarin Hybrids,	1981-82	8,400	1,400	1,730	206	7.93	13,724
Tangelos and Tangors)	1982-83	8,900	1,100	2,150	242	6.19	13,312
	1983-84	8,600	1,000	1,850	215	7.34	13,583
	1984-85	8,700	800	1,680	193	12.62	21,209
(Net weight per box:	1985-86	8,500	600	1,800	212	12.19	21,940
75 pounds)	1986-87	8,600	600	2,230	259	11.52	25,697
	1987-88	8,200	600	2,090	255	15.45	32,297

TABLE 4 --- CALIFORNIA NUTS: ACREAGE, PRODUCTION, PRICE, [illegible]D VALUE, 1979-88

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN	TOTAL VALUE
		--- Acres ---		-- (000) Pounds --	Pounds	Cents/Lb.	-- (000) Dollars --
ALMONDS	1979	324,100	41,900	376,000	1,160	153.0	575,280
a/	1980	326,800	62,200	322,000	985	147.0	473,340
	1981	326,200	86,200	408,000	1,250	78.0	299,520
	1982	339,300	89,400	347,000	1,020	94.0	311,140
	1983	359,700	76,900	242,000	673	104.0	231,920
	1984	379,600	58,200	590,000	1,550	77.4	446,134
	1985	409,200	29,900	465,000	1,140	80.0	360,640
	1986	415,600	17,200	250,000	602	192.0	461,568
	1987	411,000	12,500	650,000	1,610	100.0	648,000
	1988	406,000	6/12/89	580,000	1,430	105.0	589,575

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN	TOTAL VALUE
		--- Acres ---		-- (000) Pounds --	Pounds	Cents/Lb.	-- (000) Dollars --
PECANS	1979	480	780				
b/	1980	520	1,200				
	1981	580	2,500				
	1982	680	2,800				
	1983	680	1,800				
	1984	830	1,600				
	1985	1,200	1,400				
	1986	1,400	1,300				
	1987	1,800	900	1,100	611	80.0	880
	1988	2,300	6/12/89	2,000	870	70.0	1,400

CROP	CROP YEAR	BEARING	NON-BEARING	MARKETABLE IN-SHELL	SHELLING STOCK	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN	TOTAL VALUE
		--- Acres ---		-- (000) Pounds --			Pounds	Cents/Lb.	-- (000) Dollars --
PISTACHIOS	1979	25,400	6,200	17,200		17,200	677	160.0	27,520
	1980	26,000	9,000	18,600	8,300	26,900	1,035	205.0	55,145
(In-Shell	1981	27,500	13,100	11,300	3,200	14,500	527	136.0	19,759
Basis)	1982	29,900	15,600	37,500	5,900	43,400	1,450	145.0	63,068
	1983	31,100	16,000	21,000	5,400	26,400	849	142.0	37,488
c/	1984	31,100	16,800	45,300	17,800	63,100	2,030	98.0	61,838
	1985	32,300	18,700	22,600	4,500	27,100	839	135.0	36,471
	1986	34,200	20,400	53,500	21,400	74,900	2,190	106.0	79,501
	1987	40,300	13,800	29,000	4,100	33,100	821	143.0	47,419
	1988	44,500	6/12/89	72,000	20,000	92,000	2,070	112.0	103,400

CROP	CROP YEAR	BEARING	NON-BEARING	TOTAL PRODUCTION	YIELD PER ACRE	GROWER RETURN	TOTAL VALUE
		--- Acres ---		--- Tons ---	Tons	$/Ton	-- (000) Dollars --
WALNUTS	1979	179,200	22,100	208,000	1.16	847	176,176
	1980	179,900	23,200	197,000	1.10	936	184,392
	1981	175,100	22,900	225,000	1.28	1,014	228,150
	1982	178,000	19,600	234,000	1.31	1,020	238,680
	1983	176,800	19,900	199,000	1.13	631	125,569
	1984	178,200	20,300	213,000	1.20	730	155,490
	1985	178,600	21,700	219,000	1.23	798	174,762
	1986	179,800	20,800	180,000	1.00	1,080	194,400
	1987	175,200	21,500	247,000	1.41	984	243,048
	1988	174,200	6/12/89	200,000	1.15	7/10/89	7/10/89

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1979-88

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED,(Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANIITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
APPLES	1979	300,000	65,000	338.00	235,000	142.00	67,000	159.00	122,000	136.00	---	---	46,000	135.00	5,200	1,202.00
	1980	260,000	80,000	272.00	180,000	79.00	62,000	94.00	100,000	68.00	---	---	18,000	92.00	2,140	773.00
	1981	303,000	72,000	379.00	231,000	65.00	60,000	85.00	157,000	56.00	---	---	14,000	78.00	1,400	780.00
	1982	240,000	73,500	420.00	166,500	132.00	35,000	149.00	123,000	127.00	---	---	8,500	128.00	1,000	1,088.00
	1983	230,000	75,500	448.00	154,500	125.00	40,000	150.00	106,000	114.00	---	---	8,500	150.00	1,000	1,275.00
	1984	242,500	92,500	514.00	150,000	104.00	40,000	130.00	95,000	90.00	---	---	15,000	123.00	1,765	1,046.00
	1985	310,000	80,000	450.00	230,000	93.00	50,000	124.00	140,000	73.00	---	---	40,000	124.00	4,700	1,054.00
	1986	257,500	108,500	614.00	149,000	102.00	24,500	134.00	108,000	90.00	---	---	16,500	135.00	1,950	1,148.00
	1987	325,000	115,000	466.00	210,000	78.00	40,000	115.00	146,000	62.00	---	---	24,000	116.00	2,900	960.00
	1988	275,000	7/10/89	7/10/89	7/10/89	7/10/89	7/10/89	7/10/89	7/10/89	7/10/89	---	---	7/10/89	7/10/89	7/10/89	7/10/89
APRICOTS	1979	140,000	7,000	370.00	133,000	248.00	84,000	239.00	---	---	10,000	222.00	39,000	275.00	5,340	2,035.00
	1980	125,000	9,500	634.00	115,500	241.00	80,500	240.00	---	---	7,900	201.00	27,100	252.00	3,600	1,897.00
	1981	86,500	9,500	524.00	77,000	265.00	43,500	250.00	---	---	8,500	272.00	25,000	286.00	3,600	1,882.00
	1982	115,000	8,000	507.00	107,000	287.00	62,000	258.00	---	---	12,000	253.00	33,000	353.00	4,800	2,427.00
	1983	89,500	6,500	615.00	83,000	261.00	43,800	242.00	---	---	11,000	258.00	28,200	291.00	4,100	2,002.00
	1984	113,000	12,200	488.00	100,800	261.00	66,800	255.00	---	---	11,500	273.00	22,500	274.00	3,520	1,750.00
	1985	103,000	17,000	458.00	86,000	210.00	61,000	211.00	---	---	12,000	180.00	13,000	235.00	2,000	1,530.00
	1986	50,000	6,300	1,060.00	43,700	254.00	27,000	242.00	---	---	7,200	277.00	9,500	271.00	1,400	1,840.00
	1987	102,000	12,300	625.00	89,700	280.00	53,000	268.00	---	---	13,100	279.00	23,600	310.00	3,013	2,450.00
	1988	87,000	12,600	626.00	74,400	276.00	44,500	261.00	---	---	12,200	275.00	17,700	314.00	2,640	2,104.00
AVOCADOS a/	78-79	123,000	123,000	691.00	---	---	---	---	---	---	---	---	---	---	---	---
	79-80	75,000	75,000	1,496.00	---	---	---	---	---	---	---	---	---	---	---	---
	80-81	238,000	238,000	357.00	---	---	---	---	---	---	---	---	---	---	---	---
	81-82	157,000	157,000	689.00	---	---	---	---	---	---	---	---	---	---	---	---
	82-83	202,000	202,000	460.00	---	---	---	---	---	---	---	---	---	---	---	---
	83-84	247,000	247,000	370.00	---	---	---	---	---	---	---	---	---	---	---	---
	84-85	200,000	200,000	582.00	---	---	---	---	---	---	---	---	---	---	---	---
	85-86	160,000	160,000	1,015.00	---	---	---	---	---	---	---	---	---	---	---	---
	86-87	278,000	278,000	338.00	---	---	---	---	---	---	---	---	---	---	---	---
	87-88	178,000	178,000	1,120.00	---	---	---	---	---	---	---	---	---	---	---	---
CHERRIES, SWEET b/	1979	36,500	20,200	890.00	16,300	683.00	---	---	---	---	---	---	---	---	---	---
	1980	46,000	32,400	720.00	13,600	406.00	---	---	---	---	---	---	---	---	---	---
	1981	34,250	25,500	801.00	8,750	464.00	---	---	---	---	---	---	---	---	---	---
	1982	12,300	9,700	1,536.00	2,600	639.00	---	---	---	---	---	---	---	---	---	---
	1983	16,800	12,900	973.00	3,900	536.00	---	---	---	---	---	---	---	---	---	---
	1984	37,200	27,600	804.00	9,600	348.00	---	---	---	---	---	---	---	---	---	---
	1985	23,500	19,350	1,160.00	4,150	526.00	---	---	---	---	---	---	---	---	---	---
	1986	8,400	6,600	1,390.00	1,800	565.00	---	---	---	---	---	---	---	---	---	---
	1987	45,000	34,000	686.00	11,000	459.00	---	---	---	---	---	---	---	---	---	---
	1988	26,000	19,500	874.00	6,500	448.00	---	---	---	---	---	---	---	---	---	---

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1979-88

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED, (Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
DATES	1979	21,300	21,300	514.00	---	---	---	---	---	---	---	---	---	---	---	---
	1980	22,400	22,400	634.00	---	---	---	---	---	---	---	---	---	---	---	---
	1981	22,300	22,300	639.00	---	---	---	---	---	---	---	---	---	---	---	---
	1982	23,900	23,900	736.00	---	---	---	---	---	---	---	---	---	---	---	---
	1983	17,000	17,000	638.00	---	---	---	---	---	---	---	---	---	---	---	---
	1984	22,200	22,200	791.00	---	---	---	---	---	---	---	---	---	---	---	---
	1985	28,900	28,900	866.00	---	---	---	---	---	---	---	---	---	---	---	---
	1986	17,800	17,800	828.00	---	---	---	---	---	---	---	---	---	---	---	---
	1987	19,400	19,400	819.00	---	---	---	---	---	---	---	---	---	---	---	---
	1988	21,000	21,000	851.00	---	---	---	---	---	---	---	---	---	---	---	---
FIGS c/	1979	38,720	3,800	416.00	34,920	406.00	---	---	---	---	---	---	34,920	406.00	---	---
	1980	45,450	2,100	493.00	43,350	296.00	---	---	---	---	---	---	43,350	296.00	---	---
	1981	38,200	1,600	542.00	36,600	320.00	---	---	---	---	---	---	36,600	320.00	---	---
	1982	37,700	1,100	461.00	36,600	273.00	---	---	---	---	---	---	36,600	273.00	---	---
	1983	34,000	850	426.00	33,150	200.00	---	---	---	---	---	---	33,150	200.00	---	---
	1984	36,450	1,950	442.00	34,500	279.00	---	---	---	---	---	---	34,500	279.00	---	---
	1985	32,600	1,400	794.00	31,200	283.00	---	---	---	---	---	---	31,200	283.00	---	---
	1986	50,000	1,400	---	48,600	---	---	---	---	---	---	---	48,600	---	---	---
	1987	48,800	1,700	---	47,100	---	---	---	---	---	---	---	47,100	---	---	---
	1988	46,500	1,500	---	45,000	---	---	---	---	---	---	---	45,000	---	---	---
GRAPES, ALL d/	1979	4,558,000	500,000	402.00	4,058,000	215.00	60,000	228.00	2,617,100	194.00	---	---	1,380,900	253.00	303,390	1,151.00
	1980	5,124,000	545,000	548.00	4,579,000	204.00	63,000	229.00	2,896,000	188.00	---	---	1,620,000	230.00	310,550	1,198.00
	1981	3,993,000	503,000	513.00	3,490,000	272.00	42,000	225.00	2,416,000	248.00	---	---	1,032,000	329.00	258,000	1,314.00
	1982	5,386,000	680,200	442.00	4,705,800	201.00	35,000	203.00	3,123,300	191.00	---	---	1,547,500	221.00	295,300	1,156.00
	1983	4,775,000	645,500	422.00	4,129,500	163.00	35,000	178.00	2,309,500	188.00	---	---	1,785,000	132.00	398,500	590.00
	1984	4,656,000	650,000	348.00	4,006,000	164.00	30,000	183.00	2,583,500	169.00	---	---	1,392,500	153.00	335,350	635.00
	1985	5,207,000	753,000	273.00	4,454,000	151.00	45,000	178.00	2,843,300	159.00	---	---	1,565,700	135.00	347,940	605.00
	1986	4,770,000	746,500	442.00	4,023,500	179.00	40,000	180.00	2,795,000	183.00	---	---	1,188,500	168.00	278,900	716.00
	1987	4,660,000	685,000	519.00	3,975,000	214.00	40,000	190.00	2,496,000	219.00	---	---	1,439,000	206.00	358,000	828.00
	1988	5,240,000	766,000	396.00	4,474,000	204.00	40,000	200.00	2,737,000	226.00	---	---	1,697,000	169.00	339,400	845.00
GRAPES, RAISIN d/	1979	2,320,000	184,000	464.00	2,136,000	219.00	60,000	228.00	700,000	151.00	---	---	1,376,000	253.00	302,300	1,151.00
	1980	2,692,000	239,000	571.00	2,453,000	203.00	63,000	229.00	778,000	144.00	---	---	1,612,000	230.00	309,000	1,198.00
	1981	1,779,000	204,000	467.00	1,575,000	285.00	42,000	225.00	509,000	199.00	---	---	1,024,000	329.00	256,000	1,315.00
	1982	2,642,000	303,000	431.00	2,339,000	189.00	35,000	203.00	774,000	127.00	---	---	1,530,000	220.00	292,000	1,154.00
	1983	2,391,000	252,000	413.00	2,139,000	128.00	35,000	178.00	330,000	104.00	---	---	1,774,000	131.00	396,000	587.00
	1984	2,281,000	275,000	332.00	2,006,000	132.00	30,000	183.00	587,000	79.00	---	---	1,389,000	153.00	334,500	635.00
	1985	2,487,000	326,000	278.00	2,161,000	120.00	45,000	178.00	559,000	75.00	---	---	1,557,000	134.00	346,000	612.00
	1986	2,045,000	320,000	512.00	1,725,000	156.00	40,000	180.00	505,000	105.00	---	---	1,180,000	177.00	277,000	757.00
	1987	2,170,000	260,000	502.00	1,910,000	187.00	40,000	190.00	440,000	123.00	---	---	1,430,000	206.00	356,000	827.00
	1988	2,410,000	285,000	469.00	2,125,000	159.00	40,000	200.00	400,000	115.00	---	---	1,685,000	169.00	337,000	845.00

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1979-88

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED, (Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
GRAPES, TABLE	1979	417,000	228,000	436.00	189,000	158.00	---	---	184,100	155.00	---	---	4,900	267.00	1,090	1,200.00
	1980	428,000	224,000	649.00	204,000	147.00	---	---	196,000	144.00	---	---	8,000	224.00	1,550	1,120.00
	1981	420,000	230,000	639.00	190,000	200.00	---	---	182,000	195.00	---	---	8,000	322.00	2,000	1,286.00
	1982	592,000	311,200	515.00	280,800	154.00	---	---	263,300	149.00	---	---	17,500	235.00	3,300	1,246.00
	1983	504,000	300,500	494.00	203,500	139.00	---	---	192,500	134.00	---	---	11,000	231.00	2,500	1,016.00
	1984	475,000	300,000	405.00	175,000	130.00	---	---	171,500	130.00	---	---	3,500	148.00	850	609.00
	1985	580,000	355,000	292.00	225,000	132.00	---	---	216,300	131.00	---	---	8,700	145.00	1,940	650.00
	1986	620,000	376,500	419.00	243,500	133.00	---	---	235,000	133.00	---	---	8,500	130.00	1,900	582.00
	1987	540,000	370,000	570.00	170,000	142.00	---	---	161,000	140.00	---	---	9,000	174.00	2,000	783.00
	1988	700,000	426,000	362.00	274,000	127.00	---	---	262,000	125.00	---	---	12,000	180.00	2,400	900.00
GRAPES, WINE	1979	1,821,000	88,000	184.00	1,733,000	215.00	---	---	1,733,000	215.00	---	---	---	---	---	---
	1980	2,004,000	82,000	203.00	1,922,000	210.00	---	---	1,922,000	210.00	---	---	---	---	---	---
	1981	1,794,000	69,000	228.00	1,725,000	268.00	---	---	1,725,000	268.00	---	---	---	---	---	---
	1982	2,152,000	66,000	144.00	2,086,000	220.00	---	---	2,086,000	220.00	---	---	---	---	---	---
	1983	1,880,000	93,000	213.00	1,787,000	209.00	---	---	1,787,000	209.00	---	---	---	---	---	---
	1984	1,900,000	75,000	175.00	1,825,000	202.00	---	---	1,825,000	202.00	---	---	---	---	---	---
	1985	2,140,000	72,000	155.00	2,068,000	185.00	---	---	2,068,000	185.00	---	---	---	---	---	---
	1986	2,105,000	50,000	160.00	2,055,000	208.00	---	---	2,055,000	208.00	---	---	---	---	---	---
	1987	1,950,000	55,000	254.00	1,895,000	248.00	---	---	1,895,000	248.00	---	---	---	---	---	---
	1988	2,130,000	55,000	283.00	2,075,000	260.00	---	---	2,075,000	260.00	---	---	---	---	---	---
KIWIFRUIT e/	1979															
	1980	4,200	4,200	2,400.00	---	---	---	---	---	---	---	---	---	---	---	---
	1981	5,500	5,500	2,000.00	---	---	---	---	---	---	---	---	---	---	---	---
	1982	11,500	11,500	920.00	---	---	---	---	---	---	---	---	---	---	---	---
	1983	11,500	11,500	1,235.00	---	---	---	---	---	---	---	---	---	---	---	---
	1984	16,600	16,600	1,068.00	---	---	---	---	---	---	---	---	---	---	---	---
	1985	20,500	20,500	813.00	---	---	---	---	---	---	---	---	---	---	---	---
	1986	23,400	23,400	1,030.00	---	---	---	---	---	---	---	---	---	---	---	---
	1987	26,600	26,600	710.00	---	---	---	---	---	---	---	---	---	---	---	---
	1988	29,100	29,100	790.00	---	---	---	---	---	---	---	---	---	---	---	---
NECTARINES	1979	172,000	171,000	198.00	1,000	69.00	---	---	---	---	---	---	---	---	---	---
	1980	191,000	190,500	231.00	500	78.00	---	---	---	---	---	---	---	---	---	---
	1981	182,000	181,500	229.00	500	91.00	---	---	---	---	---	---	---	---	---	---
	1982	178,000	175,900	251.00	2,100	49.00	---	---	---	---	---	---	---	---	---	---
	1983	185,000	183,800	301.00	1,200	178.00	---	---	---	---	---	---	---	---	---	---
	1984	183,000	182,800	316.00	200	70.00	---	---	---	---	---	---	---	---	---	---
	1985	210,000	208,000	330.00	2,000	41.50	---	---	---	---	---	---	---	---	---	---
	1986	172,000	170,000	445.00	2,000	35.00	---	---	---	---	---	---	---	---	---	---
	1987	191,000	190,500	344.00	500	26.00	---	---	---	---	---	---	---	---	---	---
	1988	200,000	199,000	396.00	1,000	57.00	---	---	---	---	---	---	---	---	---	---

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1979-88

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED, (Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
OLIVES	1979	62,000	500	425.00	61,500	399.00	52,300	432.00	1,600	145.00	7,600	227.00	---	---	---	---
	1980	109,000	300	450.00	108,700	359.00	76,800	445.00	3,500	12.00	28,400	170.00	---	---	---	---
	1981	44,900	300	600.00	44,600	686.00	37,900	745.00	2,000	8.00	4,700	497.00	---	---	---	---
	1982	146,500	500	625.00	146,000	507.00	98,000	565.00	2,500	11.00	45,500	410.00	---	---	---	---
Limited and undersized are reported in the "frozen" column.	1983	61,000	400	625.00	60,600	508.00	48,000	572.00	4,100	14.00	8,500	387.00	---	---	---	---
	1984	90,600	400	500.00	90,200	550.00	76,700	619.00	2,900	14.00	10,600	196.00	---	---	---	---
	1985	96,000	500	500.00	95,500	559.00	76,100	660.00	5,800	16.00	13,600	227.00	---	---	---	---
	1986	111,500	500	500.00	111,000	587.00	85,000	709.00	6,000	17.00	20,000	240.00	---	---	---	---
	1987	67,500	500	500.00	67,000	619.00	55,000	714.00	3,000	15.00	9,000	241.00	---	---	---	---
	1988	87,500	500	500.00	87,000	557.00	70,000	643.00	3,000	15.00	14,000	241.00	---	---	---	---
PEACHES, ALL f/	1979	889,000	138,200	263.00	750,800	154.00	692,300	155.00	---	---	42,000	145.00	16,500	136.00	1,800	1,210.00
	1980	929,000	146,100	237.00	782,900	155.00	731,400	158.00	---	---	34,500	112.00	17,000	115.00	2,200	889.00
	1981	770,000	144,500	299.00	625,500	175.00	572,600	180.00	---	---	35,500	126.00	17,400	112.00	2,047	952.00
	1982	679,000	134,000	248.00	545,000	159.00	490,500	163.00	---	---	32,000	138.00	22,500	120.00	2,600	1,044.00
	1983	527,000	151,500	254.00	375,500	156.00	327,500	159.00	---	---	30,000	145.00	18,000	118.00	2,000	1,062.00
	1984	711,500	156,500	220.00	555,000	173.00	501,000	178.00	---	--	40,000	126.00	14,000	100.00	1,550	900.00
	1985	701,750	157,500	270.00	544,250	180.00	483,750	187.00	---	---	44,250	130.00	16,250	104.00	2,050	832.00
	1986	684,250	151,000	354.00	533,250	161.00	460,750	167.00	---	---	56,250	135.00	16,250	96.00	1,800	864.00
	1987	680,500	155,000	333.00	525,500	179.00	449,000	187.00	---	---	59,000	144.00	17,500	101.00	1,950	909.00
	1988	734,000	160,000	396.00	574,000	196.00	496,150	205.00	---	---	57,250	145.00	20,600	117.00	2,500	960.00
PEACHES, CLINGSTONE f/	1979	655,000	1,200	200.00	653,800	156.00	653,800	156.00	---	---	---	---	---	---	---	---
	1980	691,000	1,100	220.00	689,900	160.00	689,900	160.00	---	---	---	---	---	---	---	---
	1981	553,000	1,500	240.00	551,500	182.00	551,500	182.00	---	---	---	---	---	---	---	---
	1982	471,500	1,000	248.00	470,500	164.00	470,500	164.00	---	---	---	---	---	---	---	---
	1983	309,500	---	---	309,500	160.00	309,500	160.00	---	---	---	---	---	---	---	---
	1984	483,000	---	---	483,000	180.00	483,000	180.00	---	---	---	---	---	---	---	---
	1985	458,750	---	---	458,750	190.00	458,750	190.00	---	---	---	---	---	---	---	---
	1986	436,750	---	---	436,750	168.00	436,750	168.00	---	---	---	---	---	---	---	---
	1987	425,000	---	---	425,000	189.00	425,000	189.00	---	---	---	---	---	---	---	---
	1988	472,500	---	---	472,500	207.00	472,500	207.00	---	---	---	---	---	---	---	---
PEACHES, FREESTONE f/	1979	234,000	137,000	264.00	97,000	138.00	38,500	135.00	---	---	42,000	145.00	16,500	136.00	1,800	1,210.00
	1980	238,000	145,000	237.00	93,000	118.00	41,500	125.00	---	---	34,500	112.00	17,000	115.00	2,200	889.00
	1981	217,000	143,000	300.00	74,000	123.00	21,100	127.00	---	---	35,500	126.00	17,400	112.00	2,047	952.00
	1982	207,500	133,000	248.00	74,500	131.00	20,000	134.00	---	---	32,000	138.00	22,500	120.00	2,600	1,044.00
	1983	217,500	151,500	254.00	66,000	135.00	18,000	134.00	---	---	30,000	145.00	18,000	118.00	2,000	1,062.00
	1984	228,500	156,500	220.00	72,000	123.00	18,000	134.00	---	---	40,000	126.00	14,000	100.00	1,550	900.00
	1985	243,000	157,500	270.00	85,500	128.00	25,000	141.00	---	---	44,250	130.00	16,250	104.00	2,050	832.00
	1986	247,500	151,000	354.00	96,500	131.00	24,000	146.00	---	---	56,250	135.00	16,250	96.00	1,800	864.00
	1987	255,500	155,000	333.00	100,500	138.00	24,000	151.00	---	---	59,000	144.00	17,500	101.00	1,950	909.00
	1988	261,500	160,000	396.00	101,500	142.00	23,650	156.00	---	---	57,250	145.00	20,600	117.00	2,500	960.00

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1979-88

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED, (Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
PEARS, ALL g/	1979	364,800	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1980	397,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1981	376,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1982	321,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1983	267,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1984	312,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1985	292,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	294,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	337,000	---	---	---	--	---	---	---	---	---	---	---	---	---	---
	1988	303,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PEARS, BARTLETT h/	1979	355,000	51,000	275.00	304,000	155.00	---	---	---	---	---	---	10,100	141.00	1,530	930.00
	1980	387,000	72,000	188.00	315,000	147.00	---	---	---	---	---	---	8,100	109.00	1,500	589.00
	1981	366,000	70,000	207.00	296,000	135.00	---	---	---	---	---	---	7,200	114.00	1,440	570.00
	1982	314,000	81,000	176.00	233,000	109.00	---	---	---	---	---	---	7,200	97.00	1,200	582.00
	1983	259,500	44,700	170.00	214,800	104.00	---	---	---	---	---	---	6,400	90.00	1,070	540.00
	1984	302,000	66,300	160.00	223,200	147.00	---	---	---	---	---	---	4,600	117.00	780	690.00
	1985	282,000	69,000	250.00	213,000	193.00	---	---	---	---	---	---	8,500	136.00	1,310	884.00
	1986	285,000	70,000	332.00	215,000	150.00	---	---	---	---	---	---	9,000	105.00	1,410	672.00
	1987	325,000	74,500	164.00	250,500	152.00	---	---	---	---	---	---	8,000	106.00	1,130	753.00
	1988	292,000	64,000	317.00	228,000	176.00	---	---	---	---	---	---	8,000	147.00	1,230	956.00
PEARS, OTHER g/	1979	9,800	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1980	10,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1981	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1982	7,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1983	8,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1984	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1985	10,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	9,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	12,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1988	11,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PLUMS g/	1979	175,000	173,000	280.00	2,000	31.00	---	---	---	---	---	---	---	---	---	---
	1980	160,000	157,400	456.00	2,600	8.00	---	---	---	---	---	---	---	---	---	---
	1981	197,500	194,300	314.00	3,200	8.10	---	---	---	---	---	---	---	---	---	---
	1982	118,000	116,600	627.00	1,400	14.00	---	---	---	---	---	---	---	---	---	---
	1983	158,500	155,700	443.00	2,800	12.00	---	---	---	---	---	---	---	---	---	---
	1984	225,000	221,000	216.00	4,000	15.00	---	---	---	---	---	---	---	---	---	---
	1985	166,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	152,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	245,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1988	216,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 5 --- CALIFORNIA NONCITRUS FRUITS: UTILIZED PRODUCTION AND AVERAGE GROWER RETURN PER TON, BY UTILIZATION CATEGORY, 1979-88

CROP	CROP YEAR	TOTAL UTILIZED PRODUCTION	FOR FRESH MARKET		FOR PROCESSING											
					TOTAL		CANNED		CRUSHED		FROZEN		DRIED,(Fresh Basis)		DRIED BASIS	
			QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN	QUANTITY	GROWER RETURN
		Short Tons	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton	-Tons-	$/Ton
POMEGRANATES g/	1979	11,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1980	16,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1981	14,800	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1982	14,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1983	18,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1984	19,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1985	17,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1986	19,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1987	16,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1988	12,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PRUNES, Dried Basis	1979	136,000	---	---	136,000	812.00	---	---	---	---	---	---	427,000	259.00	136,000	812.00
	1980	168,000	---	---	168,000	683.00	---	---	---	---	---	---	585,000	196.00	168,000	683.00
	1981	159,500	---	---	159,500	654.00	---	---	---	---	---	---	503,000	208.00	159,500	654.00
	1982	126,000	---	---	126,000	679.00	---	---	---	---	---	---	403,200	226.00	126,000	679.00
	1983	145,000	---	---	145,000	667.00	---	---	---	---	---	---	464,000	208.00	145,000	667.00
	1984	148,000	---	---	148,000	693.00	---	---	---	---	---	---	444,000	231.00	148,000	693.00
	1985	141,000	---	---	141,000	680.00	---	---	---	---	---	---	430,100	223.00	141,000	680.00
	1986	99,000	---	---	99,000	819.00	---	---	---	---	---	---	291,100	279.00	99,000	819.00
	1987	229,000	---	---	229,000	735.00	---	---	---	---	---	---	682,400	247.00	229,000	735.00
	1988	155,000	---	---	155,000	7/10/89	---	---	---	---	---	---	482,100	7/10/89	155,000	7/10/89

TABLE 6 --- CALIFORNIA CITRUS FRUITS: SALES BY UTILIZATION & AVERAGE GROWER RETURN PER BOX, 1978-88

CROP	CROP YEAR	ALL SALES		FRESH MARKET		PROCESSING	
		QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/
		(000) Boxes	$/Box	(000) Boxes	$/Box	(000) Boxes	$/Box
GRAPEFRUIT, ALL	1978-79	6,130	4.97	3,690	7.87	2,440	0.58
	1979-80	7,500	2.96	3,460	5.65	4,040	0.66
	1980-81	8,060	4.58	4,490	7.60	3,570	0.79
	1981-82	6,000	3.20	3,605	5.28	2,395	0.04
	1982-83	7,300	3.33	4,420	5.44	2,880	0.09
	1983-84	7,240	4.23	4,620	6.70	2,620	-0.12
	1984-85	8,800	7.16	6,200	9.70	2,600	1.07
	1985-86	8,100	7.33	5,700	10.13	2,400	0.65
	1986-87	9,300	6.06	5,850	9.15	3,450	0.81
	1987-88	8,900	6.25	6,200	8.49	2,700	1.08
GRAPEFRUIT, DESERT VALLEY	1978-79	3,260	3.64	1,910	5.81	1,350	0.57
	1979-80	4,200	2.33	1,740	4.66	2,460	0.68
	1980-81	4,260	4.34	2,310	7.19	1,950	0.97
	1981-82	3,400	3.02	1,925	5.28	1,475	0.08
	1982-83	4,100	2.82	2,420	4.70	1,680	0.12
	1983-84	3,340	4.01	2,020	6.68	1,320	-0.08
	1984-85	3,800	6.83	2,600	9.48	1,200	1.09
(Net weight per box: 64 pounds)	1985-86	3,600	6.81	2,400	9.86	1,200	0.70
	1986-87	4,300	5.48	2,600	8.48	1,700	0.90
	1987-88	4,200	5.24	2,800	7.28	1,400	1.16
GRAPEFRUIT, OTHER AREAS	1978-79	2,870	6.47	1,780	10.07	1,090	0.60
	1979-80	3,300	3.77	1,720	6.66	1,580	0.62
	1980-81	3,800	4.85	2,180	8.03	1,620	0.57
	1981-82	2,600	3.41	1,680	5.28	920	-0.02
	1982-83	3,200	3.98	2,000	6.34	1,200	0.04
	1983-84	3,900	4.43	2,600	6.72	1,300	-0.16
	1984-85	5,000	7.40	3,600	9.86	1,400	1.06
(Net weight per box: 67 pounds)	1985-86	4,500	7.73	3,300	10.32	1,200	0.60
	1986-87	5,000	6.53	3,250	9.66	1,750	0.73
	1987-88	4,700	7.11	3,400	9.44	1,300	1.00
ORANGES, ALL	1978-79	37,300	6.88	24,800	9.45	12,500	1.80
	1979-80	59,400	3.85	39,480	5.14	19,920	1.30
	1980-81	65,250	4.47	37,630	6.90	27,620	1.17
	1981-82	41,900	8.80	33,400	10.76	8,500	1.08
	1982-83	76,100	4.16	43,250	6.10	32,850	1.61
	1983-84	48,500	8.21	37,550	10.39	10,950	0.75
	1984-85	52,400	9.66	40,400	11.66	12,000	2.92
(All varieties--net weight	1985-86	53,900	6.77	43,600	8.31	10,300	0.25
per box : 75 pounds)	1986-87	57,900	7.50	41,700	10.16	16,200	0.64
	1987-88	58,800	7.80	41,200	10.33	17,600	1.86
ORANGES, NAVEL & MISC.	1978-79	20,800	7.05	14,300	9.76	6,500	1.10
	1979-80	32,600	3.93	21,700	5.40	10,900	1.01
	1980-81	38,750	4.01	24,430	6.30	14,320	0.10
	1981-82	26,500	7.22	21,200	8.88	5,300	0.60
	1982-83	40,200	4.61	27,200	6.24	13,000	1.20
	1983-84	33,700	5.57	25,350	7.28	8,350	0.38
	1984-85	26,200	11.36	23,100	12.54	3,100	2.56
	1985-86	33,000	7.15	26,500	8.90	6,500	0.02
	1986-87	34,500	7.04	26,500	9.20	8,000	-0.12
	1987-88	31,500	7.82	24,900	9.58	6,600	1.20
ORANGES, VALENCIA	1978-79	16,500	6.67	10,500	9.02	6,000	2.56
	1979-80	26,800	3.75	17,780	4.82	9,020	1.65
	1980-81	26,500	5.15	13,200	8.00	13,300	2.32
	1981-82	15,400	11.51	12,200	14.04	3,200	1.88
	1982-83	35,900	3.66	16,050	5.86	19,850	1.88
	1983-84	14,800	14.22	12,200	16.84	2,600	1.92
	1984-85	26,200	7.95	17,300	10.48	8,900	3.04
	1985-86	20,900	6.17	17,100	7.40	3,800	0.64
	1986-87	23,400	8.17	15,200	11.84	8,200	1.38
	1987-88	27,300	7.76	16,300	11.48	11,000	2.26

TABLE 6 --- CALIFORNIA CITRUS FRUITS: SALES BY UTILIZATION & AVERAGE GROWER RETURN PER BOX, 1978-88

CROP	CROP YEAR	ALL SALES		FRESH MARKET		PROCESSING	
		QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/	QUANTITY	GROWER RETURN a/
		(000) Boxes	$/Box	(000) Boxes	$/Box	(000) Boxes	$/Box
LEMONS	1978-79	14,100	7.98	9,170	11.74	4,930	0.98
	1979-80	17,700	8.12	9,120	12.00	8,580	3.99
	1980-81	24,300	5.04	9,150	9.12	15,150	2.57
	1981-82	18,500	4.58	7,970	10.58	10,530	0.04
	1982-83	20,300	4.38	9,250	9.36	11,050	0.22
	1983-84	17,250	6.15	9,240	10.90	8,010	0.68
	1984-85	19,800	7.10	9,350	13.24	10,450	1.60
(Net weight per box: 76 pounds)	1985-86	15,100	11.29	9,500	17.02	5,600	1.56
	1986-87	21,500	7.11	10,000	13.38	11,500	1.66
	1987-88	17,000	10.08	10,100	16.40	6,900	0.84
TANGERINES	1978-79	1,450	10.26	950	15.10	500	1.05
	1979-80	1,650	4.67	785	8.30	865	1.38
(Including Mandarines	1980-81	1,860	4.08	760	9.10	1,100	0.62
and Mandarin Hybrids,	1981-82	1,730	7.93	1,120	11.60	610	1.20
Tangelos and Tangors)	1982-83	2,150	6.19	1,140	10.80	1,010	0.99
	1983-84	1,850	7.34	920	13.50	930	1.25
	1984-85	b/ 1,680	12.62	1,145	17.28	535	2.66
(Net weight per box: 75 pounds)	1985-86	b/ 1,800	12.19	1,270	17.10	530	0.42
	1986-87	b/ 2,230	11.52	1,632	15.24	598	1.38
	1987-88	2,090	15.45	1,524	20.68	566	1.38

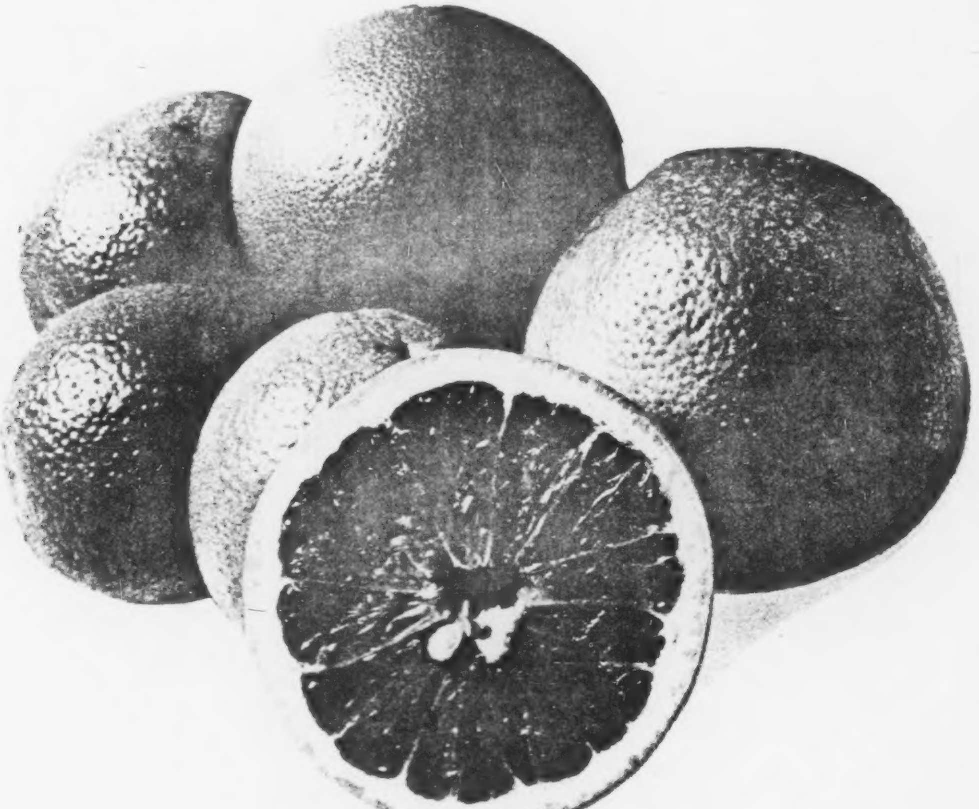


TABLE 7 --- CALIFORNIA CITRUS FRUITS: Grower Returns, Monthly and Season Average Prices (dollars per box), 1978-88

GRAPEFRUIT, DESERT	CROP YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	SEASON AVG.PRICE
Fresh Sales	1978-79	6.24	6.24	4.02	6.66	3.36	3.76	5.76	6.56	9.76	---	---	---	5.81
	1979-80	4.64	4.64	5.42	5.02	5.80	5.32	4.54	4.32	5.44	2.32	---	---	4.66
	1980-81	6.16	7.52	8.12	5.50	5.49	6.06	7.36	7.66	8.96	6.36	---	---	7.19
	1981-82	6.11	6.04	8.46	6.76	5.74	4.74	4.64	4.88	5.28	4.18	---	---	5.28
	1982-83	4.32	4.32	3.86	3.58	3.54	4.04	4.02	5.14	5.64	5.04	---	---	4.70
	1983-84	6.18	6.18	6.18	7.18	6.98	5.45	6.68	7.58	6.18	5.98	---	---	6.68
	1984-85	---	10.28	9.88	10.28	9.48	7.96	8.26	9.66	8.56	---	---	---	9.48
	1985-86	---	12.66	11.56	11.36	10.16	9.46	7.28	9.28	8.68	---	---	---	9.86
	1986-87	---	8.48	8.28	7.68	8.08	7.08	7.38	8.58	9.78	9.78	---	---	8.48
	1987-88	---	10.78	8.08	7.28	7.08	6.98	6.18	7.08	6.98	6.68	2.28	---	7.28
Processing Sales	1978-79	0.58	0.58	0.58	0.58	0.58	0.56	0.56	0.56	0.56	---	---	---	0.57
	1979-80	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	---	---	0.68
	1980-81	0.62	0.62	0.62	1.04	1.04	1.04	1.04	1.04	0.86	0.86	---	---	0.97
	1981-82	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	---	---	0.08
	1982-83	0.09	0.09	0.09	0.12	0.12	0.12	0.12	0.12	0.12	0.12	---	---	0.12
	1983-84	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	---	---	-0.08
	1984-85	---	1.06	1.06	1.06	1.06	1.10	1.10	1.10	1.10	---	---	---	1.09
	1985-86	---	0.66	0.66	0.66	0.66	0.66	0.66	0.72	0.72	0.72	---	---	0.70
	1986-87	---	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.88	0.88	---	---	0.90
	1987-88	---	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	---	1.16
All Sales	1978-79	4.46	4.39	2.36	3.88	1.92	2.34	3.80	4.17	6.69	---	---	---	3.64
	1979-80	2.87	2.46	2.39	2.81	2.73	2.48	2.29	2.31	2.62	1.23	---	---	2.33
	1980-81	4.21	4.82	5.13	3.74	3.87	4.20	4.38	4.49	4.43	3.61	---	---	4.34
	1981-82	4.37	4.98	6.00	4.63	3.56	2.53	2.45	2.69	2.79	2.59	---	---	3.02
	1982-83	3.09	3.32	2.81	2.56	2.34	2.64	2.49	2.93	3.19	2.32	---	---	2.82
	1983-84	4.75	4.80	5.03	5.52	5.37	4.03	3.94	4.67	2.75	2.06	---	---	4.01
	1984-85	---	8.94	9.18	8.96	6.82	7.65	4.17	5.98	5.24	---	---	---	6.83
	1985-86	---	11.09	9.54	9.52	7.45	6.79	5.23	5.83	5.24	0.72	---	---	6.81
	1986-87	---	7.70	6.90	7.16	6.03	5.38	4.96	5.42	5.04	2.36	---	---	5.48
	1987-88	---	9.71	7.22	6.41	5.79	5.48	4.89	4.98	4.43	2.82	1.91	---	5.24

GRAPEFRUIT, OTHER AREAS	CROP YEAR	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	SEASON AVG.PRICE
Fresh Sales	1978-79	9.26	9.26	8.56	10.46	11.96	8.36	9.76	10.06	6.62	6.62	6.67	6.67	10.07
	1979-80	6.67	6.67	6.67	7.12	6.32	6.52	6.52	---	5.22	5.20	5.91	5.34	6.66
	1980-81	5.44	6.45	6.00	9.80	8.70	7.50	7.90	5.34	---	---	---	---	8.03
	1981-82	5.74	5.74	5.14	6.94	7.14	4.44	4.14	3.74	---	---	---	---	5.28
	1982-83	---	---	---	7.04	6.64	6.04	6.14	6.14	---	---	---	---	6.34
	1983-84	---	---	4.81	7.32	6.62	6.12	6.92	7.22	---	---	---	---	6.72
	1984-85	6.46	7.66	9.16	10.06	10.36	10.06	10.36	9.66	---	---	---	---	9.86
	1985-86	11.96	6.76	9.30	10.80	10.20	10.10	10.90	---	---	---	---	---	10.32
	1986-87	11.90	7.20	9.70	10.94	10.34	8.14	9.34	9.04	---	---	23.74	13.54	9.66
	1987-88	4.94	5.24	9.54	8.94	9.74	8.84	---	---	---	---	---	---	9.44
Processing Sales	1978-79	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.62	0.62	0.62	0.62	0.60
	1979-80	0.62	0.62	0.62	0.62	0.62	0.62	0.62	---	0.62	0.62	0.62	0.62	0.62
	1980-81	0.62	0.62	0.62	0.56	0.56	0.56	0.56	---	---	---	---	---	0.57
	1981-82	---	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	---	---	---	---	-0.02
	1982-83	---	---	0.04	0.04	0.04	0.04	0.04	0.04	---	---	---	---	0.04
	1983-84	---	---	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	---	---	---	---	-0.16
	1984-85	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	---	---	---	---	1.06
	1985-86	---	0.62	0.60	0.60	0.60	0.60	0.60	---	---	---	---	---	0.60
	1986-87	0.80	0.80	0.80	0.72	0.72	0.72	0.72	0.72	---	---	---	---	0.73
	1987-88	1.00	1.00	1.00	1.00	1.00	1.00	---	---	---	---	---	---	1.00
All Sales	1978-79	5.94	5.95	4.33	7.25	7.92	5.52	6.47	6.43	3.86	3.89	3.88	3.88	6.47
	1979-80	3.90	3.89	3.99	4.13	3.44	3.41	3.48	---	2.59	3.37	4.28	3.32	3.77
	1980-81	2.92	3.03	2.27	5.21	5.64	4.40	7.03	5.34	---	---	---	---	4.85
	1981-82	5.74	2.86	2.24	3.12	4.96	2.72	2.78	2.85	---	---	---	---	3.20
	1982-83	---	---	0.04	3.65	4.43	4.10	3.92	3.77	---	---	---	---	3.98
	1983-84	---	---	1.50	4.97	4.21	3.85	4.80	5.27	---	---	---	---	4.43
	1984-85	5.79	5.30	6.85	6.91	7.78	7.36	9.20	5.93	---	---	---	---	7.40
	1985-86	11.96	4.23	4.65	9.01	7.46	7.46	9.37	---	---	---	---	---	7.73
	1986-87	8.20	5.78	6.30	7.11	7.16	5.96	5.85	6.70	---	---	23.74	13.54	6.53
	1987-88	4.28	3.12	5.88	5.97	6.51	5.48	---	---	---	---	---	---	7.11

TABLE 7 --- CALIFORNIA CITRUS FRUITS: Grower Returns, Monthly and Season Average Prices (dollars per box), 1978-88

ORANGES, NAVEL & MISC.	CROP YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	SEASON AVG.PRICE
Fresh Sales	1978-79	---	9.96	9.96	9.96	10.10	9.50	9.30	9.10	9.10	---	---	---	9.76
	1979-80	6.40	7.00	6.10	5.12	5.11	5.90	4.96	4.38	3.22	---	---	---	5.40
	1980-81	10.70	9.50	7.50	6.80	6.70	6.00	5.34	4.56	5.12	5.22	3.52	---	6.30
	1981-82	10.28	7.18	8.38	9.08	9.38	9.08	9.68	9.78	---	---	---	---	8.88
	1982-83	22.64	11.54	8.04	6.04	5.64	5.74	5.24	4.42	4.14	2.72	---	---	6.24
	1983-84	---	9.48	7.98	7.98	6.88	6.28	6.58	7.58	---	---	---	---	7.28
	1984-85	17.24	13.74	13.14	13.34	12.14	10.74	11.94	16.14	---	---	---	---	12.54
	1985-86	14.10	10.90	10.60	9.50	8.10	8.30	7.60	7.40	6.50	---	---	---	8.90
	1986-87	12.00	11.20	9.50	9.30	8.70	8.40	7.90	9.60	10.40	---	---	---	9.20
	1987-88	25.68	13.88	8.88	9.58	8.38	8.08	8.48	12.48	7.08	---	---	---	9.58
Processing Sales	1978-79	---	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	---	---	---	1.10
	1979-80	---	1.10	1.08	1.00	1.00	1.00	1.00	1.00	1.00	1.00	---	---	1.01
	1980-81	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	---	0.10
	1981-82	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	---	---	---	---	0.60
	1982-83	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	---	1.20
	1983-84	---	0.38	0.38	0.38	0.38	0.38	0.38	0.38	---	---	---	---	0.38
	1984-85	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	---	---	---	---	2.56
	1985-86	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	---	---	---	0.02
	1986-87	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12	---	---	---	-0.12
	1987-88	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	---	---	---	1.20
All Sales	1978-79	---	9.38	8.45	7.09	7.07	6.53	5.97	6.36	6.43	---	---	---	7.05
	1979-80	6.40	6.31	5.40	4.30	3.91	4.13	3.23	2.71	1.68	1.00	---	---	3.93
	1980-81	8.05	7.09	5.87	5.12	4.70	3.89	2.89	2.53	2.56	1.73	0.78	---	4.01
	1981-82	8.27	6.01	7.05	7.80	7.49	7.08	7.58	7.81	---	---	---	---	7.22
	1982-83	21.75	10.08	6.84	4.95	4.30	4.24	3.71	3.07	2.58	1.41	1.20	---	4.61
	1983-84	---	8.15	6.95	6.58	5.21	4.46	4.49	5.23	---	---	---	---	5.57
	1984-85	16.06	12.86	12.31	12.10	10.38	9.70	11.04	14.39	---	---	---	---	11.36
	1985-86	9.41	9.71	9.52	7.99	6.73	6.54	5.25	5.34	4.07	---	---	---	7.15
	1986-87	9.76	9.59	8.09	7.42	6.40	6.22	5.58	6.58	5.89	---	---	---	7.04
	1987-88	23.58	12.99	7.92	7.92	6.77	6.34	6.51	8.90	5.12	---	---	---	7.82

ORANGES, VALENCIA	CROP YEAR	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	SEASON AVG.PRICE
Fresh Sales	1978-79	8.10	8.10	6.90	9.50	11.60	9.10	8.00	8.00	8.40	6.70	6.70	---	9.02
	1979-80	6.80	8.00	4.77	4.67	4.81	4.82	4.82	4.80	4.80	4.80	4.80	---	4.82
	1980-81	5.10	7.40	7.40	8.10	8.70	9.30	7.80	7.60	6.40	5.30	4.34	---	8.00
	1981-82	8.44	9.14	10.40	12.74	13.04	14.24	15.84	23.84	24.14	---	---	---	14.04
	1982-83	5.96	6.56	7.46	6.56	6.36	6.86	6.36	5.26	4.36	4.76	4.86	3.86	5.86
	1983-84	9.24	10.54	11.54	15.34	17.24	17.34	18.14	19.24	19.64	19.14	---	---	16.84
	1984-85	15.38	13.28	11.28	11.88	11.38	10.78	10.28	9.88	8.38	7.58	---	---	10.48
	1985-86	6.60	5.60	6.40	7.90	6.90	6.90	7.20	7.90	8.30	8.00	---	---	7.40
	1986-87	---	9.84	10.84	11.34	11.74	12.14	10.14	12.74	13.94	12.14	---	---	11.84
	1987-88	---	12.28	14.18	14.28	13.68	11.28	9.78	8.48	11.18	7.28	6.48	---	11.48
Processing Sales	1978-79	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	---	2.56
	1979-80	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	---	1.65
	1980-81	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	---	2.32
	1981-82	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	---	---	---	1.88
	1982-83	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88
	1983-84	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	---	---	1.92
	1984-85	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	3.04	---	---	3.04
	1985-86	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	---	---	0.64
	1986-87	---	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	1.38
	1987-88	---	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	---	2.26
All Sales	1978-79	5.33	5.33	5.53	7.71	9.05	6.86	5.86	5.80	5.86	4.49	4.63	---	6.67
	1979-80	5.51	6.05	3.88	3.74	3.74	3.69	3.64	3.79	3.81	3.39	3.22	---	3.75
	1980-81	4.40	5.61	5.20	5.84	6.12	6.00	4.78	4.85	4.04	3.37	2.72	---	5.15
	1981-82	6.05	6.59	7.94	10.51	10.58	11.56	13.52	21.21	21.99	---	---	---	11.51
	1982-83	4.60	4.22	4.89	4.50	4.47	4.32	3.99	3.34	2.74	2.75	2.42	3.20	3.66
	1983-84	7.61	7.39	9.03	13.39	14.51	14.67	15.00	16.41	17.32	16.89	---	---	14.22
	1984-85	12.01	10.58	9.36	9.78	8.64	7.91	7.21	7.50	6.46	5.64	---	---	7.95
	1985-86	5.41	5.07	5.69	6.81	5.93	5.40	5.71	6.39	7.29	7.70	---	---	6.17
	1986-87	---	6.91	6.97	8.17	7.94	7.75	7.11	9.13	10.26	7.84	---	---	8.17
	1987-88	---	10.05	10.94	11.18	9.86	8.18	6.66	5.92	6.59	4.00	3.76	---	7.76

TABLE 7 --- CALIFORNIA CITRUS FRUITS: Grower Returns, Monthly and Season Average Prices (dollars per box), 1978-88

LEMONS, ALL	CROP YEAR	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	SEASON AVG.PRICE
Fresh Sales	1978-79	16.54	12.04	11.94	6.96	6.82	7.52	6.98	8.08	8.98	11.38	13.38	23.08	11.74
	1979-80	30.40	19.40	16.60	11.30	9.70	5.90	7.20	7.50	8.10	8.10	9.10	16.80	12.00
	1980-81	17.60	13.20	13.20	9.42	6.22	5.22	4.62	5.22	6.32	6.62	8.52	15.52	9.12
	1981-82	16.48	17.48	7.98	4.98	6.28	5.98	4.78	6.28	9.18	12.38	11.18	17.68	10.58
	1982-83	15.76	15.96	10.86	7.96	6.96	5.16	5.16	5.86	6.16	6.86	10.46	17.06	9.36
	1983-84	14.90	15.00	13.10	6.30	5.20	4.40	4.50	5.50	7.20	12.50	20.10	18.70	10.90
	1984-85	19.24	20.04	12.54	8.14	8.84	9.04	8.14	8.54	9.34	12.64	17.14	23.44	13.24
	1985-86	36.82	38.82	30.02	19.52	15.82	14.82	11.42	10.52	11.42	11.02	15.72	17.02	17.02
	1986-87	10.88	6.58	10.28	11.48	11.08	11.08	12.18	13.78	13.38	13.28	16.38	19.98	13.38
	1987-88	22.50	21.40	16.10	12.70	10.70	9.60	10.90	13.80	14.50	16.00	20.00	22.20	16.40
Processing Sales	1978-79	0.85	0.85	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.16	1.00	1.00	0.98
	1979-80	1.30	1.30	3.08	3.05	3.05	3.20	3.20	4.34	4.34	4.34	4.34	4.34	3.99
	1980-81	4.44	4.44	2.38	2.54	2.54	2.54	2.54	2.54	2.54	2.54	1.98	1.98	2.57
	1981-82	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	1982-83	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
	1983-84	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
	1984-85	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
	1985-86	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
	1986-87	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
	1987-88	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
All Sales	1978-79	14.00	8.49	6.66	4.25	3.76	4.06	4.07	5.32	6.15	8.15	11.08	20.10	7.98
	1979-80	26.81	14.95	12.72	8.42	6.90	4.84	5.07	5.49	5.61	6.07	7.03	12.34	8.12
	1980-81	11.89	8.47	6.63	5.20	3.79	3.43	3.12	3.41	3.68	3.91	4.78	9.79	5.04
	1981-82	10.24	9.88	3.11	1.54	1.88	2.10	1.38	2.84	4.15	5.51	5.89	10.41	4.58
	1982-83	9.66	9.39	4.79	3.73	3.34	2.30	2.24	2.74	2.24	2.61	5.83	10.43	4.38
	1983-84	9.40	9.04	7.90	3.69	2.87	2.21	2.08	2.85	4.10	8.07	14.43	14.04	6.15
	1984-85	14.77	12.93	6.97	4.53	5.45	4.75	4.09	4.39	4.40	6.82	10.13	14.75	7.10
	1985-86	24.83	25.00	21.14	13.83	10.90	9.89	7.75	7.10	7.25	7.30	10.62	11.66	11.29
	1986-87	6.90	4.00	5.88	5.41	4.80	5.20	5.82	6.22	6.28	7.85	11.42	13.60	7.11
	1987-88	15.19	11.87	10.67	6.91	5.66	4.55	5.19	8.85	9.51	10.97	15.03	16.36	10.08

TANGERINES, ALL	CROP YEAR	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	SEASON AVG.PRICE
Fresh Sales	1978-79	19.10	12.50	14.80	16.00	15.70	13.00	---	---	---	---	---	---	15.10
	1979-80	16.80	11.50	7.00	4.50	5.70	5.20	4.90	---	---	---	---	---	8.30
	1980-81	12.60	11.90	10.40	9.40	6.50	7.10	7.70	---	---	---	---	---	9.10
	1981-82	15.50	14.40	11.30	8.80	9.70	9.80	---	---	---	---	---	---	11.60
	1982-83	12.20	12.20	9.50	10.80	10.40	10.40	11.00	11.10	---	---	---	---	10.80
	1983-84	17.80	17.80	15.90	14.50	10.70	10.20	10.60	7.70	7.70	---	---	---	13.50
	1984-85	23.78	22.18	20.18	19.48	13.28	11.98	15.48	9.88	9.88	---	---	---	17.28
	1985-86	27.80	23.80	17.70	19.70	11.90	12.80	14.70	4.80	---	---	---	---	17.10
	1986-87	26.94	17.34	14.34	15.84	13.44	11.84	14.64	---	---	---	---	---	15.24
	1987-88	41.78	27.88	14.68	20.68	20.78	19.78	11.58	11.58	11.58	---	---	---	20.68
Processing Sales	1978-79	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	---	---	---	1.05
	1979-80	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	---	---	1.38
	1980-81	0.62	0.62	0.62	0.62	0.62	0.62	0.62	---	---	---	---	---	0.62
	1981-82	1.20	1.20	1.20	1.20	1.20	1.20	---	---	---	---	---	---	1.20
	1982-83	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	---	---	---	---	0.99
	1983-84	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	---	---	---	1.25
	1984-85	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	---	---	---	2.66
	1985-86	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	---	---	---	---	0.42
	1986-87	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	---	---	---	1.38
	1987-88	---	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	---	1.38
All Sales	1978-79	15.37	10.59	10.05	10.17	9.63	7.74	1.05	1.05	1.05	---	---	---	10.26
	1979-80	13.06	7.45	4.31	2.87	2.80	2.26	1.97	1.38	---	---	---	---	4.67
	1980-81	5.52	5.25	4.58	4.21	3.01	3.27	3.57	---	---	---	---	---	4.08
	1981-82	10.40	9.68	7.78	6.13	6.69	6.93	---	---	---	---	---	---	7.93
	1982-83	6.88	6.88	5.42	6.19	6.03	5.89	6.27	7.73	---	---	---	---	6.19
	1983-84	11.18	10.86	7.85	8.10	5.33	5.85	6.86	5.01	4.48	---	---	---	7.34
	1984-85	18.50	17.69	15.95	15.43	8.98	8.05	10.63	6.99	7.10	---	---	---	12.62
	1985-86	23.01	15.22	14.55	13.80	8.16	8.64	8.79	3.34	---	---	---	---	12.19
	1986-87	21.17	13.22	13.49	12.34	8.75	7.78	11.04	---	---	---	---	---	11.52
	1987-88	41.78	25.82	14.45	17.45	12.50	8.60	4.50	3.93	3.47	---	---	---	15.45

TABLE 8 --- CALIFORNIA RAISINS: PRODUCTION and AVERAGE GROWER RETURNS, BY VARIETY, 1979-88

RAISINS a/	CROP YEAR	ALL VARIETIES	NATURAL DRIED				DEHYDRATED ALL TYPES
			THOMPSON SEEDLESS	MUSCATS	SULTANAS	ZANTE CURRANT	
		-- Tons --	Tons				-- Tons --
PRODUCTION	1979	302,300	263,300	1,600	500	3,400	33,500
	1980	309,000	251,600	1,600	500	3,300	52,000
	1981	256,000	230,070	810	420	3,700	21,000
	1982	292,000	250,910	370	450	3,270	37,000
	1983	396,000	365,300	950	500	3,250	26,000
	1984	335,000	308,050	550	400	3,000	23,000
	1985	356,000	318,400	800	500	3,600	32,700
	1986	276,000	246,750	600	350	3,300	25,000
	1987	356,000	325,900	400	300	3,000	26,400
	1988	337,000	01/90	01/90	01/90	01/90	01/90
		Dollars/Ton	Dollars/Ton				Dollars/Ton
AVERAGE GROWER RETURNS	1979	1,151.00	1,153.00	1,150.00	1,049.00	1,100.00	1,142.00
	1980	1,198.00	1,200.00	800.00	1,007.00	1,160.00	1,200.00
	1981	1,314.00	1,320.00	950.00	1,034.00	1,240.00	1,287.00
	1982	1,153.00	1,346.00	1,000.00	1,165.00	1,285.00	1,208.00
	1983	590.00	581.00	900.00	700.00	1,173.00	953.00
	1984	631.00	623.00	775.00	520.00	522.00	732.00
	1985	612.00	599.00	750.00	550.00	500.00	750.00
	1986	757.00	744.00	495.00	650.00	770.00	900.00
	1987	827.00	820.00	600.00	640.00	910.00	910.00
	1988	845.00	01/90	01/90	01/90	01/90	01/90

a/ Excludes raisins produced from table type grapes.

TABLE 9 --- CALIFORNIA OLIVES: PROCESSED and AVERAGE GROWER RETURNS, BY VARIETY, 1979-88

OLIVES	CROP YEAR	MANZANILLO & MISSION		SEVILLANO		ASCOLANO		OTHER VARIETIES		TOTAL PROCESSING	
		-- Tons --		-- Tons --		-- Tons --		-- Tons --		-- Tons --	
QUANTITY PROCESSED	1979	40,500		18,700		1,600		700		61,500	
	1980	75,900		27,400		5,100		300		108,700	
	1981	27,400		14,000		2,500		700		44,600	
	1982	114,300		23,400		7,800		500		146,000	
	1983	41,000		14,500		4,500		600		60,600	
	1984	62,200		22,700		4,800		500		90,200	
	1985	61,100		27,300		6,000		1,100		95,500	
	1986	85,100		18,100		7,400		400		111,000	
	1987	48,500		14,200		3,500		800		67,000	
	1988	62,700		16,500		7,200		600		87,000	
		Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton	Grower Return $/Ton	Price $/Ton
AVERAGE GROWER RETURNS and PRICE PER TON	1979									399	408
	1980									359	368
	1981									686	696
	1982									507	517
	1983	a/	a/	a/	a/	a/	a/	a/	a/	508	518
	1984	565	572	496	503	623	630	445	452	550	557
	1985	576	583	504	511	646	653	503	510	559	566
	1986	587	594	558	565	664	671	522	529	587	594
	1987	642	649	549	556	628	635	462	469	619	626
	1988	596	603	480	487	400	407	480	487	557	564

a/ Prices are not available prior to 1984.

TABLE 10 --- CALIFORNIA NONCITRUS FRUITS: UNUTILIZED PRODUCTION, 1979-88

CROP	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
	--- UNHARVESTED TONS ---									
APPLES	---	---	10,000	---	---	10,000	25,000	---	---	---
APRICOTS	---	---	---	---	---	---	---	---	8,000	8,000
GRAPES	---	---	---	280,000	---	---	---	450,000	---	---
PEARS, BARTLETTS	---	---	---	---	---	12,500	---	---	---	---
PEACHES, CLINGSTONE	---	---	---	25,500	---	---	---	---	---	---
	--- HARVESTED NOT SOLD TONS ---									
GRAPES	---	---	---	410,000	144,000	14,000	---	---	---	---
KIWIFRUIT	---	1,100	1,400	4,000	2,000	1,400	1,500	900	2,400	1,900
PEACHES, CLINGSTONE	45,000	56,500	48,000	54,000	32,000	38,000	33,750	29,750	35,000	35,000
POMEGRANATES	2,000	1,000	1,700	1,600	1,100	1,000	2,000	2,600	2,000	3,000

FOOTNOTES

TABLE 1

a/ Price and value estimates for citrus fruit are based on equivalent packinghouse door returns. Noncitrus fruits and nuts are based on equivalent returns at the processing plant door for "processing" utilization and returns at first delivery point for "fresh market" utilization.

b/ Includes apples, apricots, cherries, kiwifruit (beginning in 1980), nectarines, peaches, pears, plums, pomegranates, and prunes.

c/ Includes raisin, table, and wine varieties.

d/ Includes almonds, pistachios, walnuts, and pecans beginning in 1987. Includes almonds on a meat basis with pistachios and walnuts on an in-shell basis.

e/ Includes avocados, dates, figs, and olives.

f/ Includes grapefruit, lemons, oranges, tangerines, tangelos, and tangors.

g/ Beginning in 1987, the total includes miscellaneous crops. These crops are almond hulls, black walnuts, jojobas, limes, and persimmons. Acres exclude almond hulls.

h/ Value for figs, pomegranates, prunes, and walnuts was estimated.

TABLE 2

a/ Equivalent return at first delivery point.

b/ Return at processing plant door or packinghouse door.

c/ In 1985, 30,000 acres of raisin type grapes were enrolled in the California Raisin Industry Diversion (RID) program; in 1986, 50,000 acres were enrolled in RID; in 1987, 15,000 acres were enrolled in RID; in 1988, 25,000 acres were enrolled in RID. These acres were deducted from bearing acres before calculating yield.

d/ Raisin type production is the fresh equivalent of dried and not dried.

e/ Kiwifruit data not available prior to 1980.

TABLE 3

a/ Season average prices for all grapefruit are derived by weighting the season average prices for each area by their box weights.

b/ Nonbearing acres by area is not available prior to 1981-82.

c/ Beginning 1984-85, value of production is based on packinghouse door (PHD) instead of freight on board (FOB).

TABLE 4

a/ Price and value are based on the edible portion of the crop only. Included in production are inedible quantities of no value as follows: 1982—16.0 million pounds, 1983—21.0 million pounds, 1984--13.5 million pounds, 1985--14.3 million pounds, 1986—9.8 million pounds, 1987—12.0 million pounds, 1988--18.5 million pounds.

b/ Pecan production data begins with the 1987 crop.

c/ Pistachio data for shelling stock not available prior to 1980.

FOOTNOTES - Continued

TABLE 5

a/ Processed fruit included in fresh market total to avoid disclosure of individual operations.
b/ Total processed includes canned, crushed, frozen, and brined.
c/ For 1979-85, fresh prices include processing but not dried. For 1986-88, prices for processing and fresh were not published to avoid disclosure of individual operations.
d/ Includes substandard raisins diverted to other uses.
e/ Kiwifruit production data begins with the 1980 crop.
f/ Small amounts of pickled and crushed included in canned.
g/ Processed and fresh fruit not published to avoid disclosure of individual operations but included in total utilized.
h/ Processed mostly canned, but includes small quantities dried and other uses not published separately to avoid disclosure of individual operations.

TABLE 6

a/ Equivalent packinghouse door returns.
b/ Price per box revised due to changes in cost from FOB to PHD.

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CALIFORNIA DAIRY INDUSTRY STATISTICS

1988

REAL CREAM
Yogurt
Cottage Cheese
Sour Cream
Egg Nog
Butter Milk
BUTTER

MANUFACTURED DAIRY PRODUCTS,
MILK PRODUCTION,
UTILIZATION AND PRICES

STATE OF CALIFORNIA
George Deukmejian, Governor

DEPARTMENT OF FOOD AND AGRICULTURE
SACRAMENTO
Henry J. Voss

Cooperating with
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D.C.
Clayton Yeutter, Secretary

NATIONAL AGRICULTURAL STATISTICS SERVICE
Charles E. Caudill, Administrator

CALIFORNIA AGRICULTURAL STATISTICS SERVICE
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FOREWORD

This is the forty-fifth annual report on Dairy Industry statistics issued as a cooperative effort of the Agricultural Statistics Service and the Milk Stabilization Branches of the California Department of Food and Agriculture. It contains, for the year 1988, a summary of statistical data which was originally published monthly in the "Dairy Information Bulletin". Comparative figures for earlier years, and selected special reports relating to the Dairy Industry are also presented. All changes from previously published data represent either corrections of errors or revisions based on receipt of more complete information.

Most of the statistical data contained in this bulletin is based on reports filed by individuals and firms engaged in the production, manufacture, and distribution of milk and dairy products in California. Although it is not possible to list all of these reporters individually, their cooperation is acknowledged with appreciation.

Data pertaining to the United States and to states other than California were secured from selected reports of the United States Department of Agriculture. Estimates of the population of California were obtained from various reports of the California Department of Finance.

MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM MARKETINGS

On January 1, 1989 there were an estimated 1,025 thousand milk cows and heifers that had calved on dairy farms in California. This was 20 thousand more than were estimated for January 1, 1988. The estimated number of cows milked during the year 1988 was 1,015 thousand. As a comparison, an average of 998 thousand head were milked during the year 1987.

The average production of milk per cow in California during the year 1988 was 18,403 pounds. This was 437 pounds more than 1987. Total milk production during 1988 was 18,679 million pounds, 4.2 percent more than 1987 production.

Cash receipts from farm marketings of milk and cream in California during 1988 totaled approximately 2,081 million dollars. The comparable figure for 1987 was 2,083 million dollars. The combination of an increase in the annual average number of cows milked and an increase in average production per cow resulted in record milk production in California during 1988. However, the production increase was not enough to offset the effect of generally lower producer prices in 1988 thus resulting in a decrease in total cash receipts.

As of January 1, 1989, there was an estimated total of 10,217 thousand milk cows and heifers that had calved on farms throughout the United States. This was 81 thousand head fewer or 0.8 percent less than the number estimated for January 1, 1988. The average number of cows milked during the year 1988 was 10,239 thousand head. This was 90 thousand head fewer than the average for the year 1987.

TABLE 1. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, CALIFORNIA, 1970-1988

Year	Milk Cows and Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1970	750	755	12,526	450	9,457	340	534,049
1971	758	763	12,726	458	9,710	350	560,925
1972	766	778	13,368	479	10,400	372	608,082
1973	789	792	13,045	470	10,332	372	692,976
1974	810	797	13,295	479	10,596	381	894,347
1975	800	800	13,566	492	10,853	394	997,202
1976	810	811	14,282	514	11,583	417	1,089,142
1977	809	827	14,472	517	11,968	427	1,182,467
1978	846	846	14,018	506	11,859	428	1,227,584
1979	860	871	14,424	512	12,563	446	1,453,330
1980	878	896	15,153	547	13,577	490	1,770,324
1981	910	923	15,437	554	14,248	512	1,943,229
1982	941	940	15,455	561	14,528	527	1,941,197
1983	940	951	15,503	557	14,743	529	1,944,762
1984	962	967	15,821	563	15,299	545	1,988,008
1985	974	1,004	16,701	610	16,768	612	2,078,402
1986	1,034	1,013	17,019	618	17,240	626	2,058,008
1987	990	998	17,966	652	17,930	651	2,082,883
1988	1,005	1,015	18,403	674	18,679	684	2,080,739
1989	1,025						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

The average production of milk per cow in the United States during 1988 was 14,213 pounds. This was 411 pounds more than the 1987 production per cow. Total milk production during 1988 was 145,527 million pounds, 2,970 million pounds more than the production in 1987.

Cash receipts from milk and cream marketings in the United States during 1988 totaled approximately 17,669 million dollars. The comparable figure for 1987 was 17,709 million dollars.

California accounted for 12.9 percent of the milk produced in the United States during 1988 and received 11.8 percent of the cash receipts from farm marketings of milk and cream. California ranked second among the various states in the average number of milk cows on farms during 1988. This State ranked first in production of milk per cow; second in total milk production; and second in cash receipts from farm marketings of milk and cream. The State of Wisconsin had more cows, produced more milk and received more from farm marketings of milk and cream than did California.

Estimates of the number of milk cows and heifers that had calved on farms by county and by crop reporting district in California at the beginning of 1988 and 1989 are given in Table 4. Of the total of 1,025 thousand head on farms in the State on January 1, 1989 approximately 58 percent were in the San Joaquin Valley, 28 percent in Southern California, and 6 percent in the Central Coast counties. The five leading counties were Tulare, San Bernardino, Stanislaus, Riverside, and Merced. Collectively these counties accounted for about 62 percent of all the milk cows in the State.

TABLE 2. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, UNITED STATES, 1970-1988

Year	Milk Cows and Heifers that have calved, on farms: Jan. 1 Total 1/	Milk Cows and Heifers that have calved, on farms: Annual Average	Average Production per milk cow: Milk	Average Production per milk cow: Milk Fat	Total Production on farms: Milk	Total Production on farms: Milk Fat	Cash Receipts from farm marketings of dairy products 2/
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1970	13,303	12,000	9,747	357	116,962	4,283	6,525,163
1971	11,909	11,842	10,009	366	118,532	4,344	6,810,804
1972	11,778	11,698	10,250	377	119,904	4,408	7,134,676
1973	11,624	11,409	10,114	370	115,385	4,221	8,080,080
1974	11,286	11,219	10,300	378	115,553	4,238	9,430,140
1975	11,211	11,140	10,352	381	115,326	4,240	9,909,334
1976	11,087	11,055	10,879	399	120,269	4,406	11,428,455
1977	11,031	10,974	11,181	409	122,698	4,483	11,751,730
1978	10,939	10,841	11,218	412	121,609	4,462	12,689,783
1979	10,839	10,743	11,488	421	123,411	4,518	14,650,237
1980	10,769	10,810	11,889	434	128,525	4,696	16,583,532
1981	10,871	10,923	12,177	443	133,013	4,843	18,127,556
1982	11,029	11,011	12,306	450	135,505	4,950	18,233,471
1983	11,075	11,098	12,585	460	139,672	5,105	18,756,930
1984	11,026	10,833	12,503	458	135,450	4,964	17,943,618
1985	10,810	11,016	12,994	476	143,147	5,249	18,062,961
1986	11,177	10,813	13,260	486	143,381	5,258	17,753,188
1987	10,502	10,329	13,802	504	142,557	5,208	17,709,360
1988	10,298	10,239	14,213	522	145,527	5,347	17,669,043
1989	10,217						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

TABLE 3. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, BY STATES, 1988

State	Milk cows on farms 1/	Average production per milk cow		Total production on farms		Cash receipts from farm marketings of dairy products 2/
		Milk	Milk Fat	Milk	Milk Fat	
	(thousands)	(pounds)		(million pounds)		(thousand dollars)
Alabama	39	13,385	489	522	19	73,840
Alaska	2	14,619	506	31	1	5,969
Arizona	89	16,854	632	1,500	56	184,760
Arkansas	68	11,603	414	789	28	104,805
California	1,015	18,403	674	18,769	684	2,080,739
Colorado	74	16,581	614	1,227	45	160,693
Connecticut	36	15,028	562	541	20	72,752
Delaware	9	14,516	537	135	5	17,290
Florida	182	12,912	457	2,350	83	355,680
Georgia	104	11,875	436	1,235	45	175,890
Hawaii	12	13,333	463	160	6	32,190
Idaho	168	15,643	566	2,628	95	288,960
Illinois	206	13,617	498	2,805	103	338,062
Indiana	186	12,941	481	2,407	90	291,141
Iowa	307	12,267	443	3,766	136	429,520
Kansas	104	12,202	445	1,269	46	149,760
Kentucky	214	10,874	401	2,327	86	281,106
Louisiana	87	10,690	381	930	33	126,490
Maine	46	14,000	531	644	24	85,550
Maryland	109	13,239	490	1,443	53	185,640
Massachusetts	32	14,469	545	463	18	62,778
Michigan	350	14,937	547	5,228	191	640,686
Minnesota	802	12,983	473	10,412	379	1,194,425
Mississippi	68	11,676	425	794	29	107,615
Missouri	224	13,393	490	3,000	110	358,680
Montana	25	14,080	493	352	12	41,254
Nebraska	103	13,243	486	1,364	50	155,610
Nevada	19	14,053	510	267	10	31,702
New Hampshire	22	13,773	523	303	12	39,721
New Jersey	30	13,200	483	396	14	53,901
New Mexico	62	17,726	633	1,099	39	136,697
New York	822	13,900	512	11,426	420	1,393,266
North Carolina	106	14,670	549	1,555	58	219,675
North Dakota	92	11,543	421	1,062	39	111,289
Ohio	368	13,139	485	4,835	178	578,563
Oklahoma	108	10,926	396	1,180	43	148,350
Oregon	94	15,989	603	1,503	57	181,880
Pennsylvania	717	14,232	527	10,204	378	1,343,715
Rhode Island	3	14,444	539	39	2	5,450
South Carolina	39	12,333	486	481	19	71,080
South Dakota	146	12,000	436	1,752	64	199,525
Tennessee	201	11,010	405	2,213	81	266,100
Texas	349	13,940	502	4,865	175	643,248
Utah	74	15,770	571	1,167	42	136,397
Vermont	169	14,124	531	2,387	90	301,581
Virginia	143	13,986	512	2,000	73	263,074
Washington	216	18,361	683	3,966	148	492,850
West Virginia	27	11,148	411	301	11	37,049
Wisconsin	1,763	14,407	535	25,400	942	2,998,249
Wyoming	10	12,500	456	125	5	13,800
United States 3/	10,239	14,213	522	145,527	5,347	17,669,043

1/ Average number during year, heifers that have not freshened excluded.

2/ All milk and cream.

3/ State totals may not add to U.S. totals because of rounding.

TABLE 4. NUMBER OF MILK COWS AND HEIFERS THAT HAVE CALVED ON FARMS IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988 AND 1989 1/

County and District	1988	1989
Del Norte	2,400	2,300
Humboldt	14,000	16,700
Mendocino	1,100	1,300
North Coast	17,500	20,300
Shasta	1,650	1,550
Siskiyou	2,700	2,800
Trinity	50	50
North Central	4,400	4,400
Lassen	250	250
Modoc	100	
Plumas	50	50
North East	400	300
Alameda		
Contra Costa	2,200	2,200
Lake		
Marin	12,500	12,900
Monterey	3,500	3,700
Napa	1,000	1,100
San Benito	1,000	1,500
San Francisco		
San Luis Obispo	1,400	1,300
San Mateo		
Santa Clara	4,000	4,000
Santa Cruz	400	400
Sonoma	34,000	37,500
Central Coast	60,000	64,600
Butte	1,300	1,400
Colusa	650	700
Glenn	12,500	13,200
Sacramento	22,000	27,000
Solano	1,200	1,500
Sutter	850	1,500
Tehama	3,200	3,300
Yolo	1,200	900
Yuba	1,600	1,500
Sacramento Valley	44,500	51,000

County and District	1988	1989
Fresno	52,500	50,000
Kern	18,000	17,000
Kings	71,000	71,000
Madera	19,500	20,000
Merced	106,000	100,000
San Joaquin	64,000	63,000
Stanislaus	103,000	106,000
Tulare	141,000	165,000
San Joaquin Valley	575,000	592,000
Alpine		
Amador	100	50
Calaveras	50	50
El Dorado	150	100
Inyo	50	50
Mariposa	100	50
Mono		
Nevada		
Placer	700	1,000
Sierra		50
Tuolumne	50	50
Sierra Mountain	1,200	1,400
Imperial	500	400
Los Angeles	3,000	3,600
Orange		
Riverside	106,000	103,000
San Bernardino	170,000	164,000
San Diego	15,500	13,200
Santa Barbara	4,500	4,200
Ventura	2,500	2,600
Southern California	302,000	291,000
State Totals	1,005,000	1,025,000

1/ Dairy cattle population estimated as of January 1 for each year.

COMMERCIAL PRODUCTION

Approximately 18,554 million pounds of milk were produced commercially in California during the year 1988. Of this amount, 18,075 million pounds were received as market grade milk and 480 million pounds were received as manufacturing grade milk. Between 1987 and 1988, the total commercial production increased 3.8 percent. Production of market grade milk increased 4.2 percent while the production of manufacturing grade milk decreased 8.7 percent. Market grade milk accounted for 97.4 percent of all commercial production in 1988, compared to 97.1 percent in 1987 and 96.2 percent ten years earlier in 1978.

The average milk fat content of all milk received at plants from producers in California during 1988 was 3.66 percent. That received as market milk contained an average of 3.66 percent milk fat, while that received as manufacturing grade milk contained an average of 3.76 percent milk fat.

The commercial production of all milk fat in California during 1988, amounted to approximately 680 million pounds, 4.8 percent more than was produced during 1987. Market milk fat amounted to 97.3 percent of production in 1988 compared to 97.0 percent in 1987. Between 1987 and 1988, the production of market milk fat increased 5.2 percent, while that of manufacturing milk fat decreased 7.9 percent.

The San Joaquin Valley accounted for 59.2 percent of all milk produced commercially in the State during 1988. The San Joaquin Valley accounted for 58.9 percent of the market milk and 67.7 percent of the manufacturing milk. Approximately 29.8 percent of all milk and 30.5 percent of the market milk was produced in Southern California. The five leading counties in market milk production in their order of their importance during 1988 were: San Bernardino, Tulare, Riverside, Merced and Stanislaus. These five counties accounted for 64.1 percent of the State's total production of market milk. The leading counties in manufacturing milk production were: Stanislaus, Merced, Glenn, Humboldt, and San Joaquin. These five counties accounted for 84.2 percent of the State's total manufacturing milk production. The five leading counties in total milk production were: San Bernardino, Tulare, Riverside, Stanislaus, and Merced. They accounted for 63.9 percent of the State's total milk production during 1988.

TABLE 5. AVERAGE MILK-FAT TEST AND COMMERCIAL PRODUCTION OF MILK-FAT AND WHOLE MILK IN CALIFORNIA, BY YEARS, 1971-1988

	MILK FAT			AVERAGE MILK-FAT TEST			WHOLE MILK		
	Market	Manufacturing	Total 1/	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(percent)			(thousand pounds)		
1971	309,103	36,549	345,652	3.59	3.73	3.60	8,614,289	979,836	9,594,125
1972	327,371	41,940	369,311	3.57	3.69	3.59	9,163,369	1,136,171	10,299,540
1973	335,933	32,646	368,579	3.59	3.71	3.60	9,354,250	879,237	10,233,487
1974	351,133	26,748	377,881	3.59	3.69	3.60	9,776,188	724,765	10,500,953
1975	364,795	25,960	390,755	3.63	3.73	3.63	10,060,384	695,507	10,755,891
1976	390,950	22,562	413,512	3.59	3.75	3.60	10,886,279	602,087	11,488,366
1977	405,943	18,958	424,901	3.57	3.71	3.57	11,377,410	510,659	11,888,069
1978	408,311	16,816	425,127	3.60	3.76	3.61	11,329,087	447,648	11,776,735
1979	426,183	16,881	443,064	3.54	3.67	3.55	12,029,199	459,453	12,488,652
1980	468,324	19,050	487,374	3.60	3.68	3.60	12,998,001	517,997	13,515,998
1981	490,629	19,147	509,776	3.59	3.68	3.59	13,666,750	519,852	14,186,602
1982	504,415	20,954	525,369	3.63	3.70	3.63	13,901,010	566,472	14,467,482
1983	506,076	21,556	527,632	3.59	3.66	3.59	14,104,674	588,819	14,693,493
1984	522,989	21,244	544,233	3.57	3.66	3.57	14,654,257	580,604	15,234,861
1985	586,824	22,472	609,295	3.64	3.74	3.65	16,104,954	600,443	16,705,397
1986	603,432	19,646	623,078	3.63	3.74	3.63	16,643,908	525,846	17,169,754
1987	628,634	19,591	648,226	3.63	3.73	3.63	17,340,641	525,194	17,865,835
1988	661,511	18,035	679,546	3.66	3.76	3.66	18,074,742	479,711	18,554,453
1985									
January	47,144	1,554	48,699	3.84	3.92	3.84	1,228,704	39,634	1,268,338
February	43,134	1,354	44,487	3.76	3.85	3.77	1,146,402	35,180	1,181,582
March	48,625	1,659	50,285	3.67	3.74	3.67	1,326,117	44,412	1,370,529
April	47,854	1,895	49,749	3.55	3.62	3.55	1,348,341	52,375	1,400,716
May	50,191	1,966	52,157	3.53	3.60	3.53	1,423,286	54,698	1,477,984
June	47,769	1,997	49,766	3.49	3.58	3.49	1,369,144	55,797	1,424,941
July	49,018	2,156	51,174	3.48	3.57	3.48	1,408,198	60,382	1,468,579
August	50,555	2,155	52,710	3.53	3.64	3.53	1,433,482	59,263	1,492,745
September	49,419	2,044	51,463	3.62	3.76	3.63	1,363,232	54,284	1,417,516
October	51,150	1,983	53,133	3.69	3.85	3.70	1,385,076	51,546	1,436,622
November	50,014	1,851	51,866	3.78	3.96	3.78	1,323,796	46,798	1,370,594
December	51,950	1,856	53,806	3.85	4.03	3.86	1,349,176	46,075	1,395,251
1986									
January	52,172	1,498	53,670	3.75	3.88	3.76	1,389,622	38,622	1,428,244
February	47,790	1,333	49,123	3.76	3.84	3.77	1,269,820	34,755	1,304,576
March	52,434	1,720	54,154	3.70	3.76	3.71	1,415,745	45,722	1,461,466
April	50,424	1,750	52,174	3.61	3.69	3.61	1,398,200	47,408	1,445,608
May	51,358	1,801	53,159	3.53	3.65	3.54	1,453,691	49,340	1,503,031
June	49,130	1,806	50,936	3.49	3.59	3.49	1,409,140	50,325	1,459,465
July	50,870	1,765	52,635	3.48	3.58	3.48	1,463,266	49,357	1,512,623
August	50,047	1,765	51,812	3.51	3.64	3.52	1,424,530	48,530	1,473,060
September	48,979	1,649	50,628	3.60	3.76	3.60	1,360,797	43,911	1,404,707
October	50,552	1,595	52,147	3.68	3.84	3.68	1,375,633	41,554	1,417,188
November	48,827	1,484	50,311	3.68	3.88	3.69	1,325,200	38,272	1,363,472
December	50,848	1,480	52,328	3.74	3.89	3.75	1,358,264	38,050	1,396,314
1987									
January	51,239	1,312	52,551	3.77	3.81	3.77	1,358,384	34,419	1,392,804
February	46,759	1,291	48,051	3.71	3.77	3.71	1,260,984	34,222	1,295,206
March	52,573	1,541	54,114	3.67	3.74	3.67	1,433,359	41,163	1,474,522
April	51,265	1,698	52,963	3.56	3.65	3.56	1,439,223	46,568	1,485,792
May	53,162	1,796	54,958	3.49	3.59	3.50	1,521,775	50,038	1,571,813
June	51,923	1,802	53,725	3.49	3.57	3.49	1,489,828	50,420	1,540,248
July	54,480	1,764	56,244	3.50	3.62	3.51	1,554,814	48,764	1,603,578
August	54,159	1,828	55,987	3.53	3.65	3.53	1,535,907	50,041	1,585,948
September	51,850	1,633	53,483	3.57	3.68	3.57	1,452,686	44,365	1,497,051
October	53,766	1,702	55,468	3.63	3.81	3.64	1,480,222	44,680	1,524,902
November	52,619	1,633	54,252	3.77	3.97	3.78	1,393,936	41,179	1,435,115
December	54,838	1,591	56,429	3.86	4.04	3.87	1,419,521	39,334	1,458,855
1988									
January	54,685	1,250	55,935	3.86	3.99	3.86	1,416,949	31,367	1,448,316
February	51,469	1,222	52,691	3.76	3.83	3.76	1,370,329	31,927	1,402,256
March	55,566	1,429	56,995	3.65	3.71	3.65	1,521,398	38,528	1,559,926
April	55,236	1,489	56,725	3.60	3.68	3.60	1,534,167	40,476	1,574,643
May	57,693	1,704	59,398	3.59	3.70	3.60	1,605,172	46,046	1,651,219
June	55,657	1,779	57,436	3.55	3.63	3.55	1,569,950	49,001	1,618,951
July	55,548	1,730	57,277	3.52	3.61	3.52	1,578,751	47,946	1,626,697
August	55,560	1,666	57,226	3.53	3.65	3.53	1,573,914	45,619	1,619,533
September	53,113	1,481	54,594	3.61	3.74	3.61	1,473,156	39,587	1,512,743
October	55,515	1,486	57,002	3.67	3.82	3.68	1,511,270	38,922	1,550,192
November	54,308	1,401	55,709	3.76	3.93	3.77	1,443,149	35,608	1,478,757
December	57,160	1,396	58,557	3.87	4.02	3.87	1,476,537	34,684	1,511,221

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 7, 8, 9, 10, 11, and 12.

TABLE 6. COMMERCIAL PRODUCTION OF MILK, MILK FAT AND AVERAGE MILK FAT TEST IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988

	MILK 1/			MILK FAT			AVERAGE MILK-FAT TEST 2/		
County and District	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(thousand pounds)			(percent)		
Del Norte	18,487	11,637	30,124	704	527	1,231	3.81	4.52	4.08
Humboldt	179,947	57,015	236,963	7,215	2,481	9,696	4.01	4.35	4.09
Mendocino	12,914		12,914	541		541	4.19		4.19
North Coast	211,349	68,652	280,001	8,460	3,008	11,468	4.00	4.38	4.10
Shasta	12,820		12,820	466		466	3.63		3.63
Siskiyou	39,946		39,946	1,485		1,485	3.72		3.72
Trinity									
North Central	52,766		52,766	1,950		1,950	3.70		3.70
Lassen	2,442		2,442	87		87	3.58		3.58
Modoc									
Plumas									
North East	2,442		2,442	87		87	3.58		3.58
Alameda									
Contra Costa	39,397	136	39,534	1,452	4	1,456	3.68	3.09	3.68
Lake									
Marin	241,966	584	242,550	8,788	21	8,809	3.63	3.62	3.63
Monterey	80,636	67	80,703	3,035	2	3,038	3.76	3.86	3.76
Napa	14,624		14,624	528		528	3.61		3.61
San Benito	9,422	1,594	11,015	356	60	416	3.77	3.77	3.77
San Francisco									
San Luis Obispo	17,968	868	18,837	650	32	682	3.62	3.63	3.62
San Mateo									
Santa Clara	26,140	43	26,183	934	2	936	3.57	3.90	3.57
Santa Cruz	10,900		10,900	390		390	3.58		3.58
Sonoma	567,887	2,492	570,379	21,225	100	21,324	3.74	4.00	3.74
Central Coast	1,008,940	5,785	1,014,724	37,358	221	37,579	3.70	3.82	3.70
Butte	15,531	525	16,056	603	21	624	3.88	3.96	3.89
Colusa	6,081	33	6,114	232	1	234	3.82	3.66	3.82
Glenn	151,807	58,928	210,735	5,625	2,343	7,968	3.70	3.98	3.78
Sacramento	309,652	7,430	317,082	11,483	268	11,750	3.71	3.60	3.70
Solano	23,182	19	23,202	829	1	829	3.57	3.58	3.57
Sutter	9,726		9,726	346		346	3.56		3.56
Tehama	50,066	7,159	57,225	1,916	270	2,186	3.83	3.78	3.82
Yolo	14,168	5	14,173	508		508	3.58	3.80	3.58
Yuba	37,233	27	37,260	1,503	1	1,504	4.04	3.75	4.04
Sacramento Valley	617,446	74,127	691,573	23,046	2,905	25,951	3.73	3.92	3.75
Fresno	1,122,102	8,294	1,130,396	41,218	297	41,515	3.67	3.58	3.67
Kern	351,021	134	351,155	12,852	5	12,857	3.66	3.60	3.66
Kings	1,206,184	4,489	1,210,674	44,608	162	44,770	3.70	3.60	3.70
Madera	317,035	16,006	333,041	11,500	577	12,077	3.63	3.60	3.63
Merced	1,874,877	121,402	1,996,280	69,592	4,421	74,013	3.71	3.64	3.71
San Joaquin	1,221,375	36,411	1,257,786	44,776	1,291	46,067	3.67	3.55	3.66
Stanislaus	1,874,300	130,129	2,004,429	68,598	4,623	73,221	3.66	3.55	3.65
Tulare	2,683,332	8,055	2,691,387	98,318	297	98,614	3.66	3.68	3.66
San Joaquin Valley	10,650,226	324,920	10,975,147	391,462	11,673	403,135	3.68	3.59	3.67
Alpine									
Amador									
Calaveras									
El Dorado	752		752	26		26	3.50		3.50
Inyo									
Mariposa									
Mono									
Nevada									
Placer	10,689		10,689	378		378	3.53		3.53
Sierra									
Tuolumne									
Sierra Mountain	11,442		11,442	404		404	3.53		3.53
Imperial	8,781		8,781	329		329	3.74		3.74
Los Angeles	74,901	58	74,959	2,623	2	2,625	3.50	3.66	3.50
Orange									
Riverside	2,032,197	3,334	2,035,531	73,219	122	73,341	3.60	3.65	3.60
San Bernardino	3,119,571	2,808	3,122,379	112,382	103	112,485	3.60	3.68	3.60
San Diego	196,553	26	196,579	7,058	1	7,059	3.59	3.52	3.59
Santa Barbara	48,484		48,484	1,773		1,773	3.66		3.66
Ventura	39,644		39,644	1,359		1,359	3.43		3.43
Southern California	5,520,132	6,226	5,526,358	198,744	228	198,972	3.60	3.66	3.60
State Total	18,074,742	479,711	18,554,453	661,511	18,035	679,546	3.66	3.76	3.66

1/ Totals have been determined from unrounded data. The original data may be found in Tables 7, 8, 9, 10, 11, and 12.
2/ Milk fat tests were computed from unrounded data.

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988

County and District	January	February	March	April	May	June	July	August	September	October	November	December
							(pounds)					
Del Norte	1,972,143	1,788,368	2,247,345	2,567,677	2,894,481	2,888,573	2,980,520	2,905,073	2,655,936	2,628,004	2,373,880	2,222,029
Humboldt	12,436,755	12,884,674	19,769,753	23,538,368	27,162,923	25,077,059	24,734,231	22,823,790	19,771,651	18,454,114	15,841,673	14,467,934
Mendocino	899,844	980,512	1,104,681	1,136,109	1,277,564	1,149,575	1,163,183	1,086,025	1,066,792	1,086,918	984,930	978,314
North Coast	15,308,742	15,653,554	23,121,779	27,242,154	31,334,968	29,115,207	28,877,934	26,814,888	23,494,379	22,169,036	19,200,483	17,668,277
Shasta	1,101,135	1,040,275	1,094,540	1,061,330	1,072,388	1,021,821	1,065,795	1,109,990	1,039,290	1,088,423	1,049,292	1,075,375
Siskiyou	3,117,378	3,077,841	3,331,338	3,426,754	3,690,870	3,475,002	3,437,468	3,474,935	3,279,637	3,282,507	3,099,476	3,252,730
Trinity												
North Central	4,218,513	4,118,116	4,425,878	4,488,084	4,763,258	4,496,823	4,503,263	4,584,925	4,318,927	4,370,930	4,148,768	4,328,105
Lassen	193,560	171,366	203,999	215,223	203,384	226,434	212,686	210,940	195,646	215,218	197,045	196,032
Modoc												
Plumas												
North East	193,560	171,366	203,999	215,223	203,384	226,434	212,686	210,940	195,646	215,218	197,045	196,032
Alameda												
Contra Costa	3,024,432	2,876,467	3,216,070	3,276,919	3,515,505	3,419,470	3,510,905	3,545,211	3,337,530	3,299,353	3,164,355	3,347,430
Lake												
Marin	19,447,817	18,733,487	20,643,173	20,298,397	21,224,480	20,511,897	21,315,446	21,030,194	19,691,850	20,119,382	19,418,867	20,115,428
Monterey	6,136,785	5,976,478	6,607,068	6,812,840	7,210,291	7,156,536	7,300,044	7,147,294	6,589,055	6,595,251	6,458,536	6,712,862
Napa	1,185,956	1,170,545	1,336,984	1,357,067	1,456,997	1,412,450	1,476,941	1,455,805	1,304,742	778,889	852,458	834,741
San Benito	806,455	737,971	787,026	759,906	848,494	1,106,889	1,127,462	1,031,342	959,707	975,725	932,971	941,393
San Francisco												
San Luis Obispo	1,470,576	1,512,726	1,665,387	1,649,839	1,715,251	1,661,233	1,728,645	1,728,956	1,648,414	1,379,051	1,320,385	1,356,311
San Mateo												
Santa Clara	1,947,436	1,883,537	2,075,629	2,142,455	2,252,682	2,314,001	2,524,524	2,415,213	2,354,147	2,351,744	2,223,967	1,697,678
Santa Cruz	877,213	880,996	924,545	900,948	940,069	903,200	918,895	866,237	853,303	909,028	923,638	1,001,826
Sonoma	45,419,669	43,952,889	48,672,414	48,367,079	50,445,322	48,954,588	50,549,662	49,684,753	46,631,724	46,679,514	44,900,657	46,120,430
Central Coast	80,316,339	77,725,096	85,928,296	85,565,450	89,609,091	87,440,264	90,452,524	88,905,005	83,370,472	83,087,937	80,195,834	82,128,099
Butte	1,282,304	1,270,667	1,406,039	1,409,639	1,455,008	1,358,710	1,312,779	1,297,141	1,229,340	1,251,515	1,428,851	1,354,247
Colusa	510,699	481,995	542,253	541,289	564,983	526,023	537,774	538,221	462,112	476,761	443,951	487,849
Glenn	15,797,898	15,566,146	17,555,067	17,919,922	19,148,028	18,725,330	18,857,784	18,706,660	17,524,725	17,475,227	16,409,323	17,048,721
Sacramento	25,439,076	23,859,649	26,670,196	26,501,737	28,448,198	27,859,556	28,491,614	28,056,915	26,175,630	26,074,572	24,563,954	24,941,312
Solano	1,722,540	1,643,139	1,782,779	1,994,635	2,127,585	2,100,254	2,097,968	2,111,260	2,032,523	2,028,073	1,784,011	1,776,975
Sutter	714,964	744,856	838,704	816,174	853,223	798,347	834,297	879,540	842,863	827,931	777,186	797,708
Tehama	4,500,065	4,358,116	5,167,189	4,935,598	5,242,618	4,923,467	4,987,568	4,854,405	4,378,951	4,713,652	4,477,593	4,685,742
Yolo	1,221,874	1,253,717	1,411,735	1,193,745	1,252,116	1,190,186	1,190,069	1,137,308	1,041,418	1,093,819	1,067,472	1,119,665
Yuba	2,993,238	2,913,080	3,192,954	3,091,065	3,273,739	3,143,438	3,239,136	3,208,872	3,050,545	3,093,598	2,949,170	3,110,925
Sacramento Valley	54,182,658	52,091,365	58,566,916	58,403,804	62,365,498	60,625,311	61,548,989	60,790,322	56,738,107	57,035,148	53,901,511	55,323,144

CONTINUED...

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	87,754,709	85,153,195	94,668,672	95,749,832	100,612,224	97,819,970	97,140,381	98,864,563	94,140,658	96,829,768	90,368,127	91,293,896
Kern	27,644,050	26,958,788	29,645,427	30,790,931	32,056,137	31,156,980	29,324,885	29,519,759	27,651,635	29,380,848	27,990,969	29,034,430
Kings	97,147,010	93,940,420	103,172,770	103,426,183	107,253,503	104,206,695	102,620,230	105,351,241	98,981,071	101,064,552	96,223,267	97,286,582
Madera	25,601,738	24,013,101	27,607,446	28,663,485	29,940,510	29,840,766	29,761,353	29,723,089	27,612,551	27,767,842	26,028,754	26,480,006
Merced	153,036,341	147,670,869	163,942,059	166,111,986	176,121,593	174,818,716	176,056,561	176,712,086	165,631,793	168,779,444	161,602,515	165,795,812
San Joaquin	98,071,052	93,933,408	102,898,003	103,639,298	109,710,462	109,385,526	111,532,153	111,889,050	104,457,155	105,737,931	101,766,812	104,765,140
Stanislaus	154,720,487	149,084,947	164,886,399	167,099,007	176,419,159	174,083,114	178,389,963	178,387,608	167,338,513	169,250,983	161,523,073	163,245,779
Tulare	207,811,728	202,106,899	226,887,285	230,669,114	240,429,647	233,371,039	230,268,997	233,778,066	219,745,891	226,602,319	216,839,216	222,877,023
San Joaquin Valley	851,787,115	822,861,627	913,708,061	926,149,836	972,543,235	954,682,806	955,094,523	964,225,462	905,559,267	925,413,687	882,342,733	900,778,668
Alpine												
Amador												
Calaveras												
El Dorado	84,002	97,048	97,532	103,467	99,181	102,800	96,974	71,479				
Inyo												
Mariposa												
Mono												
Nevada												
Placer	848,858	825,050	907,576	922,492	966,395	958,223	952,023	949,740	885,181	863,236	809,333	801,209
Sierra												
Tuolumne												
Sierra Mountain	932,860	922,098	1,005,108	1,025,959	1,065,576	1,061,023	1,048,997	1,021,219	885,181	863,236	809,333	801,209
Imperial	640,278	750,265	1,022,663	958,413	969,637	881,564	714,709	562,815	490,358	549,457	582,680	658,239
Los Angeles	6,069,229	5,784,556	6,462,632	6,038,621	6,379,928	6,309,154	6,201,493	6,324,467	6,089,862	7,094,756	6,079,110	6,125,545
Orange												
Riverside	162,177,728	158,186,295	173,071,601	172,019,939	179,542,123	174,687,734	179,172,646	176,350,522	162,860,150	168,771,440	162,078,665	166,612,417
San Bernardino	249,874,013	241,950,258	267,940,186	268,249,485	277,286,256	274,436,767	273,568,276	264,622,629	245,776,647	257,096,334	246,870,831	254,707,609
San Diego	15,444,672	15,048,684	16,757,938	16,738,508	17,398,939	17,376,001	17,648,536	17,223,184	16,134,835	16,434,407	15,434,320	14,939,062
Santa Barbara	3,911,109	3,800,602	4,236,605	4,145,708	4,349,284	4,409,270	4,477,813	4,399,524	3,680,046	3,721,991	3,671,159	3,680,918
Ventura	3,259,182	3,191,938	3,473,995	3,402,240	3,407,491	3,202,673	3,174,810	3,496,900	3,148,753	3,368,162	3,244,672	3,273,521
Southern California	441,376,211	428,712,598	472,965,620	471,552,914	489,333,658	481,303,163	484,958,283	472,980,041	438,180,651	457,036,547	437,961,437	449,997,311
State Totals	1,448,315,998	1,402,255,820	1,559,925,657	1,574,643,424	1,651,218,668	1,618,951,031	1,626,697,199	1,619,532,802	1,512,742,630	1,550,191,739	1,478,757,144	1,511,220,845

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,484,548	1,319,081	1,472,031	1,474,947	1,555,852	1,573,436	1,647,867	1,631,688	1,561,557	1,632,263	1,583,409	1,550,561
Humboldt	10,640,982	10,798,783	15,332,465	17,340,510	19,951,132	18,162,282	18,209,437	16,861,835	14,779,445	14,021,487	12,243,760	11,605,361
Mendocino	899,844	980,512	1,104,681	1,136,109	1,277,564	1,149,575	1,163,183	1,086,025	1,066,792	1,086,918	984,930	978,314
North Coast	13,025,374	13,098,376	17,909,177	19,951,566	22,784,548	20,885,293	21,020,487	19,579,548	17,407,794	16,740,668	14,812,099	14,134,236
Shasta	1,101,135	1,040,275	1,094,540	1,061,330	1,072,388	1,021,821	1,065,795	1,109,990	1,039,290	1,088,423	1,049,292	1,075,375
Siskiyou	3,117,378	3,077,841	3,331,338	3,426,754	3,690,870	3,475,002	3,437,468	3,474,935	3,279,637	3,282,507	3,099,476	3,252,730
Trinity												
North Central	4,218,513	4,118,116	4,425,878	4,488,084	4,763,258	4,496,823	4,503,263	4,584,925	4,318,927	4,370,930	4,148,768	4,328,105
Lassen	193,560	171,366	203,999	215,223	203,384	226,434	212,686	210,940	195,646	215,218	197,045	196,032
Modoc												
Plumas												
North East	193,560	171,366	203,999	215,223	203,384	226,434	212,686	210,940	195,646	215,218	197,045	196,032
Alameda												
Contra Costa	3,024,432	2,876,467	3,216,070	3,276,919	3,515,505	3,419,470	3,374,318	3,545,211	3,337,530	3,299,353	3,164,355	3,347,430
Lake												
Marin	19,382,266	18,640,562	20,594,757	20,242,146	21,164,124	20,456,860	21,267,698	20,975,252	19,691,850	20,081,492	19,387,836	20,081,647
Monterey	6,069,980	5,976,478	6,607,068	6,812,840	7,210,291	7,156,536	7,300,044	7,147,294	6,589,055	6,595,251	6,458,536	6,712,862
Napa	1,185,956	1,170,545	1,336,984	1,357,067	1,456,997	1,412,450	1,476,941	1,455,805	1,304,742	778,889	852,458	834,741
San Benito	806,455	737,971	787,026	759,906	848,494	852,106	830,410	725,450	766,435	773,926	760,528	772,860
San Francisco												
San Luis Obispo	1,470,576	1,440,196	1,582,420	1,518,904	1,641,632	1,582,926	1,646,736	1,657,843	1,582,168	1,307,906	1,250,944	1,286,126
San Mateo												
Santa Clara	1,947,436	1,883,537	2,075,629	2,142,455	2,252,682	2,314,001	2,524,524	2,415,213	2,310,823	2,351,744	2,223,967	1,697,678
Santa Cruz	877,213	880,996	924,545	900,948	940,069	903,200	918,895	866,237	853,303	909,028	923,638	1,001,826
Sonoma	45,247,735	43,737,433	48,501,530	48,166,742	50,203,273	48,755,188	50,346,223	49,365,980	46,432,924	46,485,115	44,713,460	45,931,242
Central Coast	80,012,049	77,344,185	85,626,029	85,177,927	89,233,067	86,852,737	89,685,789	88,154,285	82,868,830	82,582,704	79,735,722	81,666,412
Butte	1,282,304	1,270,667	1,325,398	1,152,577	1,440,377	1,358,710	1,306,482	1,297,141	1,229,340	1,251,515	1,262,318	1,354,247
Colusa	507,437	481,995	542,253	541,289	561,313	526,023	524,032	538,221	449,676	476,761	443,951	487,849
Glenn	11,947,414	11,539,266	12,864,791	12,852,287	13,675,724	13,385,641	13,489,798	12,907,739	12,261,828	12,009,316	12,102,650	12,770,472
Sacramento	24,873,634	23,240,948	25,632,335	25,781,322	27,694,879	27,094,874	28,031,258	27,657,964	25,637,467	25,562,441	24,046,040	24,398,805
Solano	1,722,540	1,643,139	1,782,779	1,975,251	2,127,585	2,100,254	2,097,968	2,111,260	2,032,523	2,028,073	1,784,011	1,776,975
Sutter	714,964	744,856	838,704	816,174	853,223	798,347	834,297	879,540	842,863	827,931	777,186	797,708
Tehama	3,991,495	3,827,952	4,488,715	4,258,203	4,448,341	4,235,858	4,254,164	4,201,091	3,912,922	4,154,502	4,080,936	4,211,555
Yolo	1,221,874	1,248,851	1,411,735	1,193,745	1,252,116	1,190,186	1,190,069	1,137,308	1,041,418	1,093,819	1,067,472	1,119,665
Yuba	2,993,238	2,913,080	3,192,954	3,091,065	3,263,152	3,143,438	3,239,136	3,192,625	3,050,545	3,093,598	2,949,170	3,110,925
Sacramento Valley	49,254,900	46,910,754	52,079,664	51,661,913	55,316,710	53,833,331	54,967,204	53,922,889	50,458,582	50,497,956	48,513,734	50,028,201

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TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	87,117,699	84,601,444	94,125,107	94,968,258	99,565,815	97,011,303	96,071,713	98,003,725	93,558,593	96,422,201	89,800,264	90,855,817
Kern	27,644,050	26,958,788	29,645,427	30,736,282	32,056,137	31,141,650	29,309,831	29,519,759	27,603,033	29,380,848	27,990,969	29,034,430
Kings	97,110,628	93,598,594	102,360,016	103,295,860	106,064,789	103,281,148	102,408,895	105,035,310	98,789,342	100,918,964	96,160,225	97,160,636
Madera	25,213,680	23,371,340	26,247,708	27,343,350	28,548,669	28,006,124	27,812,296	28,275,423	25,958,801	26,340,818	24,432,910	25,483,563
Merced	143,804,461	138,557,334	154,533,184	156,557,009	164,992,894	162,355,277	164,219,947	165,900,550	156,561,223	160,060,279	151,830,559	155,504,473
San Joaquin	95,279,000	91,179,045	100,149,962	101,028,362	106,702,200	105,691,757	108,217,760	108,749,392	101,615,499	102,711,430	98,372,079	101,678,744
Stanislaus	145,621,237	139,929,955	154,675,524	157,075,002	164,987,737	161,183,151	165,181,585	165,822,305	156,074,030	158,027,370	152,069,549	153,652,112
Tulare	206,714,761	201,105,253	225,861,353	229,784,527	239,901,024	232,961,772	229,612,777	233,335,675	219,438,633	225,492,112	216,597,561	222,526,914
San Joaquin Valley	828,505,516	799,301,753	887,598,281	900,788,650	942,819,265	921,632,182	922,834,804	934,642,139	879,599,154	899,354,022	857,254,116	875,896,689
Alpine												
Amador												
Calaveras												
El Dorado	84,002	97,048	97,532	103,467	99,181	102,800	96,974	71,479				
Inyo												
Mariposa												
Mono												
Nevada												
Placer	848,858	825,050	907,576	922,492	966,395	958,223	952,023	949,740	885,181	863,236	809,333	801,209
Sierra												
Tuolumne												
Sierra Mountain	932,860	922,098	1,005,108	1,025,959	1,065,576	1,061,023	1,048,997	1,021,219	885,181	863,236	809,333	801,209
Imperial	640,278	750,265	1,022,663	958,413	969,637	881,564	714,709	562,815	490,358	549,457	582,680	658,239
Los Angeles	6,069,229	5,784,556	6,462,632	6,038,621	6,330,568	6,309,154	6,201,493	6,324,467	6,089,862	7,091,101	6,079,110	6,120,617
Orange												
Riverside	161,978,136	157,972,737	172,915,898	171,624,291	179,406,278	174,592,059	178,795,289	175,740,188	162,365,631	168,473,072	161,961,160	166,371,984
San Bernardino	249,503,489	241,913,677	267,705,704	267,950,225	277,124,333	274,191,386	273,465,387	264,050,770	245,512,195	257,007,035	246,705,246	254,441,619
San Diego	15,444,672	15,048,684	16,732,331	16,738,508	17,398,939	17,376,001	17,648,536	17,223,184	16,134,835	16,434,407	15,434,320	14,939,062
Santa Barbara	3,911,109	3,800,602	4,236,605	4,145,708	4,349,284	4,409,270	4,477,813	4,399,524	3,680,046	3,721,991	3,671,159	3,680,918
Ventura	3,259,182	3,191,938	3,473,995	3,402,240	3,407,491	3,202,673	3,174,810	3,496,900	3,148,753	3,368,162	3,244,672	3,273,521
Southern California	440,806,095	428,462,459	472,549,828	470,858,006	488,986,530	480,962,107	484,478,037	471,797,848	437,421,680	456,645,225	437,678,347	449,485,960
State Totals	1,416,948,867	1,370,329,107	1,521,397,964	1,534,167,328	1,605,172,338	1,569,949,930	1,578,751,267	1,573,913,793	1,473,155,794	1,511,269,959	1,443,149,164	1,476,536,844

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	487,595	469,287	775,314	1,092,730	1,338,629	1,315,137	1,332,653	1,273,385	1,094,379	995,741	790,471	671,468
Humboldt	1,795,773	2,085,891	4,437,288	6,197,858	7,211,791	6,914,777	6,524,794	5,961,955	4,992,206	4,432,627	3,597,913	2,862,573
Mendocino												
North Coast	2,283,368	2,555,178	5,212,602	7,290,588	8,550,420	8,229,914	7,857,447	7,235,340	6,086,585	5,428,368	4,388,384	3,534,041
Shasta												
Siskiyou												
Trinity												
North Central												
Lassen												
Modoc												
Plumas												
North East												
Alameda												
Contra Costa							136,587					
Lake												
Marin	65,551	92,925	48,416	56,251	60,356	55,037	47,748	54,942		37,890	31,031	33,781
Monterey	66,805											
Napa												
San Benito						254,783	297,052	305,892	193,272	201,799	172,443	168,533
San Francisco												
San Luis Obispo		72,530	82,967	130,935	73,619	78,307	81,909	71,113	66,246	71,145	69,441	70,185
San Mateo												
Santa Clara									43,324			
Santa Cruz												
Sonoma	171,934	215,456	170,884	200,337	242,049	199,400	203,439	318,773	198,800	194,399	187,197	189,188
Central Coast	304,290	380,911	302,267	387,523	376,024	587,527	766,735	750,720	501,642	505,233	460,112	461,687
Butte			80,641	257,062	14,631		6,297				166,533	
Colusa	3,262				3,670		13,742		12,436			
Glenn	3,850,484	4,026,880	4,690,276	5,067,635	5,472,304	5,339,689	5,367,986	5,798,921	5,262,897	5,465,911	4,306,673	4,278,249
Sacramento	565,442	618,701	1,037,861	720,415	753,319	764,682	460,356	398,951	538,163	512,131	517,914	542,507
Solano				19,384								
Sutter												
Tehama	508,570	530,164	678,474	677,395	794,277	687,609	733,404	653,314	466,029	559,150	396,657	474,187
Yolo		4,866										
Yuba					10,587			16,247				
Sacramento Valley	4,927,758	5,180,611	6,487,252	6,741,891	7,048,788	6,791,980	6,581,785	6,867,433	6,279,525	6,537,192	5,387,777	5,294,943

CONTINUED.....

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	637,010	551,751	543,565	781,574	1,046,409	808,667	1,068,668	860,838	582,065	407,567	567,863	438,079
Kern				54,649		15,330	15,054		48,602			
Kings	36,382	341,826	812,754	130,323	1,188,714	925,547	211,335	315,931	191,729	145,588	63,042	125,946
Madera	388,058	641,761	1,359,738	1,320,135	1,391,841	1,834,642	1,949,057	1,447,666	1,653,750	1,427,024	1,595,844	996,443
Merced	9,231,880	9,113,535	9,408,875	9,554,977	11,128,699	12,463,439	11,836,614	10,811,536	9,070,570	8,719,165	9,771,956	10,291,339
San Joaquin	2,792,052	2,754,363	2,748,041	2,610,936	3,008,262	3,693,769	3,314,393	3,139,658	2,841,656	3,026,501	3,394,733	3,086,396
Stanislaus	9,099,250	9,154,992	10,210,875	10,024,005	11,431,422	12,899,963	13,208,378	12,565,303	11,264,483	11,223,613	9,453,524	9,593,667
Tulare	1,096,967	1,001,646	1,025,932	884,587	528,623	409,267	656,220	442,391	307,258	1,110,207	241,655	350,109
San Joaquin Valley	23,281,599	23,559,874	26,109,780	25,361,186	29,723,970	33,050,624	32,259,719	29,583,323	25,960,113	26,059,665	25,088,617	24,881,979
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer												
Sierra												
Tuolumne												
Sierra Mountain												
Imperial												
Los Angeles					49,360					3,655		4,928
Orange												
Riverside	199,592	213,558	155,703	395,648	135,845	95,675	377,357	610,334	494,519	298,368	117,505	240,433
San Bernardino	370,524	36,581	234,482	299,260	161,923	245,381	102,889	571,859	264,452	89,299	165,585	265,990
San Diego			25,607									
Santa Barbara												
Ventura												
Southern California	570,116	250,139	415,792	694,908	347,128	341,056	480,246	1,182,193	758,971	391,322	283,090	511,351
State Totals	31,367,131	31,926,713	38,527,693	40,476,096	46,046,330	49,001,101	47,945,932	45,619,009	39,586,836	38,921,780	35,607,980	34,684,001

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	81,054	70,382	90,227	101,689	116,503	115,307	119,958	116,955	111,116	111,410	101,355	94,753
Humboldt	531,515	526,327	777,904	909,028	1,072,857	1,005,417	988,494	933,850	835,347	791,974	694,209	629,168
Mendocino	39,290	40,279	45,403	47,296	51,821	46,430	48,131	45,725	45,938	46,591	42,013	42,026
North Coast	651,859	636,988	913,534	1,058,013	1,241,181	1,167,154	1,156,583	1,096,530	992,401	949,975	837,577	765,947
Shasta	41,264	38,510	40,046	38,241	38,884	36,964	37,510	38,319	37,972	39,246	38,276	40,373
Siskiyou	120,957	118,505	125,430	124,867	133,692	125,240	122,052	123,469	120,775	123,452	119,342	127,038
Trinity												
North Central	162,221	157,015	165,476	163,108	172,576	162,204	159,562	161,788	158,747	162,698	157,618	167,411
Lassen	7,503	6,464	7,325	7,665	7,187	7,789	7,071	7,133	6,784	7,687	7,237	7,641
Modoc												
Plumas												
North East	7,503	6,464	7,325	7,665	7,187	7,789	7,071	7,133	6,784	7,687	7,237	7,641
Alameda												
Contra Costa	118,332	111,939	121,506	120,719	126,720	124,313	124,634	126,613	121,458	121,787	113,135	125,219
Lake												
Marin	736,689	685,179	733,325	711,762	751,935	729,992	762,498	762,333	728,375	743,669	717,139	746,483
Monterey	239,009	226,387	244,576	248,607	265,644	264,905	270,028	264,958	250,503	251,785	249,536	261,575
Napa	45,543	42,653	46,550	47,845	51,803	49,156	52,117	52,408	48,528	28,433	31,436	31,653
San Benito	31,213	28,130	29,447	28,424	31,467	40,591	40,831	38,190	36,525	37,627	36,110	37,086
San Francisco												
San Luis Obispo	57,008	55,964	60,126	58,604	60,545	57,843	59,988	60,401	58,695	50,659	49,341	52,579
San Mateo												
Santa Clara	72,008	68,022	73,558	74,134	77,337	81,257	88,915	84,134	84,296	85,379	81,957	64,611
Santa Cruz	32,584	31,301	31,927	31,118	32,977	31,638	31,861	31,029	31,416	33,556	33,660	36,610
Sonoma	1,753,340	1,652,741	1,783,625	1,753,720	1,844,442	1,787,591	1,844,931	1,844,913	1,777,567	1,783,538	1,719,928	1,778,213
Central Coast	3,085,726	2,902,316	3,124,640	3,074,933	3,242,870	3,167,286	3,275,803	3,264,979	3,137,363	3,136,433	3,032,242	3,134,029
Butte	52,325	50,925	55,351	53,228	55,134	51,091	50,194	49,738	46,204	48,571	55,941	55,423
Colusa	20,851	18,854	20,452	19,770	20,857	19,095	19,161	19,534	17,264	18,768	18,532	20,420
Glenn	635,521	604,049	659,833	660,823	710,341	683,607	680,893	682,224	649,922	666,042	650,215	684,828
Sacramento	995,280	912,505	988,446	970,103	1,036,413	997,692	1,005,391	1,007,318	962,062	962,012	934,262	979,039
Solano	66,232	62,035	65,334	71,573	76,176	73,192	72,100	74,244	70,810	69,688	62,112	65,802
Sutter	27,788	27,151	28,978	28,065	29,148	27,363	28,472	30,381	29,818	30,007	28,970	30,006
Tehama	184,633	169,160	192,666	180,169	194,436	181,271	182,034	180,507	166,386	181,885	180,560	192,618
Yolo	45,845	44,336	49,081	41,093	43,042	40,745	41,597	40,281	37,589	39,974	40,760	43,732
Yuba	128,036	120,825	127,873	123,122	129,361	123,201	126,085	124,545	120,513	125,608	123,369	131,834
Sacramento Valley	2,156,511	2,009,840	2,188,014	2,147,946	2,294,908	2,197,257	2,205,927	2,208,772	2,100,568	2,142,555	2,094,721	2,203,702

CONTINUED.....

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	3,406,588	3,217,428	3,460,372	3,442,639	3,623,694	3,483,571	3,459,830	3,490,872	3,399,326	3,538,456	3,412,430	3,580,022
Kern	1,074,732	1,021,438	1,089,114	1,108,074	1,147,918	1,102,885	1,031,918	1,028,474	984,512	1,080,198	1,058,481	1,129,256
Kings	3,800,007	3,586,708	3,805,383	3,750,274	3,880,587	3,712,077	3,650,408	3,714,473	3,590,252	3,739,770	3,672,407	3,867,331
Madera	984,738	895,749	997,049	1,019,227	1,065,586	1,053,663	1,029,587	1,025,853	982,774	1,005,359	979,366	1,038,480
Merced	6,010,762	5,657,574	6,089,645	6,074,226	6,410,493	6,266,326	6,251,566	6,292,242	6,033,719	6,259,602	6,145,879	6,520,833
San Joaquin	3,783,267	3,565,275	3,780,299	3,756,537	3,978,815	3,891,577	3,932,812	3,974,140	3,751,477	3,853,485	3,798,332	4,001,121
Stanislaus	5,997,384	5,639,037	6,057,606	6,009,786	6,311,824	6,129,824	6,224,731	6,251,560	5,994,716	6,200,868	6,064,655	6,339,085
Tulare	8,136,034	7,679,957	8,314,675	8,302,050	8,607,877	8,236,545	8,101,661	8,151,943	7,885,203	8,273,201	8,190,156	8,735,272
San Joaquin Valley	33,193,512	31,263,166	33,594,143	33,462,813	35,026,794	33,876,468	33,682,513	33,929,557	32,621,979	33,950,939	33,321,706	35,211,400
Alpine												
Amador												
Calaveras												
El Dorado	3,333	3,501	3,370	3,726	3,481	3,505	3,119	2,308				
Inyo												
Mariposa												
Mono												
Nevada												
Placer	32,376	30,816	33,184	32,993	34,198	31,734	31,181	30,929	28,809	30,678	30,010	30,703
Sierra												
Tuolumne												
Sierra Mountain	35,709	34,317	36,554	36,719	37,679	35,239	34,300	33,237	28,809	30,678	30,010	30,703
Imperial	25,356	28,680	37,026	34,451	34,089	30,744	25,597	20,769	19,072	21,526	23,759	27,763
Los Angeles	238,063	198,620	244,725	212,214	218,404	219,851	205,206	216,425	217,454	212,642	216,075	225,771
Orange												
Riverside	6,119,214	5,803,959	6,242,460	6,159,650	6,403,576	6,123,766	6,198,216	6,150,392	5,761,446	6,122,152	5,980,169	6,275,841
San Bernardino	9,410,635	8,854,293	9,579,764	9,514,450	9,835,842	9,584,883	9,455,630	9,261,432	8,734,354	9,411,710	9,174,866	9,667,624
San Diego	583,804	546,492	593,465	590,890	613,322	599,190	606,151	598,893	573,480	598,880	578,843	575,783
Santa Barbara	151,702	140,238	153,845	147,463	156,642	156,432	157,559	155,327	130,948	137,449	141,625	143,982
Ventura	113,664	108,302	114,503	114,726	112,696	108,097	106,980	120,538	110,931	116,572	112,298	119,451
Southern California	16,642,438	15,680,584	16,965,788	16,773,844	17,374,571	16,822,963	16,755,339	16,523,776	15,547,685	16,620,931	16,227,635	17,036,215
State Totals	55,935,479	52,690,690	56,995,474	56,725,041	59,397,766	57,436,360	57,277,098	57,225,772	54,594,336	57,001,896	55,708,746	58,557,048

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	57,326	49,149	57,488	56,575	59,823	58,515	61,333	59,225	59,057	63,520	61,526	60,562
Humboldt	448,585	435,980	594,737	655,928	769,476	711,860	711,400	672,927	607,904	587,506	524,105	494,310
Mendocino	39,290	40,279	45,403	47,296	51,821	46,430	48,131	45,725	45,938	46,591	42,013	42,026
North Coast	545,201	525,408	697,628	759,799	881,120	816,805	820,864	777,877	712,899	697,617	627,644	596,898
Shasta	41,264	38,510	40,046	38,241	38,884	36,964	37,510	38,319	37,972	39,246	38,276	40,373
Siskiyou	120,957	118,505	125,430	124,867	133,692	125,240	122,052	123,469	120,775	123,452	119,342	127,038
Trinity												
North Central	162,221	157,015	165,476	163,108	172,576	162,204	159,562	161,788	158,747	162,698	157,618	167,411
Lassen	7,503	6,464	7,325	7,665	7,187	7,789	7,071	7,133	6,784	7,687	7,237	7,641
Modoc												
Plumas												
North East	7,503	6,464	7,325	7,665	7,187	7,789	7,071	7,133	6,784	7,687	7,237	7,641
Alameda												
Contra Costa	118,332	111,939	121,506	120,719	126,720	124,313	120,412	126,613	121,458	121,787	113,135	125,219
Lake												
Marin	734,113	682,291	731,553	709,788	749,796	728,110	760,813	760,344	728,375	742,131	715,841	745,092
Monterey	236,429	226,387	244,576	248,607	265,644	264,905	270,028	264,958	250,503	251,785	249,536	261,575
Napa	45,543	42,653	46,550	47,845	51,803	49,156	52,117	52,408	48,528	28,433	31,436	31,653
San Benito	31,213	28,130	29,447	28,424	31,467	31,211	29,989	26,902	29,083	29,709	29,444	30,486
San Francisco												
San Luis Obispo	57,008	53,311	57,024	54,040	57,886	55,117	57,063	57,806	56,242	48,010	46,767	49,931
San Mateo												
Santa Clara	72,008	68,022	73,558	74,134	77,337	81,257	88,915	84,134	82,608	85,379	81,957	64,611
Santa Cruz	32,584	31,301	31,927	31,118	32,977	31,638	31,861	31,029	31,416	33,556	33,660	36,610
Sonoma	1,746,282	1,644,284	1,776,819	1,745,988	1,834,889	1,779,913	1,837,027	1,832,853	1,769,376	1,775,465	1,712,017	1,770,035
Central Coast	3,073,512	2,888,318	3,112,960	3,060,663	3,228,519	3,145,620	3,248,225	3,237,047	3,117,589	3,116,255	3,013,793	3,115,212
Butte	52,325	50,925	51,799	43,129	54,591	51,091	49,970	49,738	46,204	48,571	49,550	55,423
Colusa	20,715	18,854	20,452	19,770	20,726	19,095	18,668	19,534	16,811	18,768	18,532	20,420
Glenn	468,550	439,742	475,747	464,977	498,036	479,369	478,655	461,710	445,320	445,485	467,083	500,594
Sacramento	974,237	889,974	952,166	944,221	1,009,976	971,575	989,461	993,119	942,234	942,993	914,729	958,171
Solano	66,232	62,035	65,334	70,879	76,176	73,192	72,100	74,244	70,810	69,688	62,112	65,802
Sutter	27,788	27,151	28,978	28,065	29,148	27,363	28,472	30,381	29,818	30,007	28,970	30,006
Tehama	162,953	148,545	168,126	156,242	165,173	156,486	155,909	156,429	148,675	160,456	164,166	172,777
Yolo	45,845	44,151	49,081	41,093	43,042	40,745	41,597	40,281	37,589	39,974	40,760	43,732
Yuba	128,036	120,825	127,873	123,122	128,951	123,201	126,085	123,949	120,513	125,608	123,369	131,834
Sacramento Valley	1,946,681	1,802,202	1,939,556	1,891,498	2,025,819	1,942,117	1,960,917	1,949,385	1,857,974	1,881,550	1,869,271	1,978,759

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TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	3,381,869	3,196,862	3,440,922	3,414,991	3,586,768	3,455,485	3,422,845	3,461,602	3,379,196	3,524,003	3,390,522	3,562,749
Kern	1,074,732	1,021,438	1,089,114	1,106,067	1,147,918	1,102,362	1,031,385	1,028,474	982,766	1,080,198	1,058,481	1,129,256
Kings	3,798,562	3,574,127	3,774,724	3,745,688	3,838,330	3,679,293	3,643,090	3,704,050	3,583,317	3,734,432	3,669,974	3,862,303
Madera	969,593	871,966	947,600	970,596	1,015,339	989,501	964,577	977,078	923,326	952,036	919,329	999,558
Merced	5,651,257	5,313,666	5,746,926	5,730,814	6,012,218	5,830,690	5,840,835	5,913,438	5,711,759	5,944,646	5,777,497	6,118,447
San Joaquin	3,676,350	3,462,228	3,687,342	3,665,500	3,873,349	3,764,689	3,821,356	3,867,920	3,654,053	3,747,127	3,672,932	3,882,801
Stanislaus	5,648,443	5,301,626	5,692,500	5,664,447	5,915,421	5,692,265	5,774,852	5,823,885	5,601,466	5,797,285	5,715,565	5,970,493
Tulare	8,092,633	7,642,495	8,276,691	8,270,319	8,589,367	8,222,149	8,078,806	8,136,467	7,874,170	8,232,097	8,180,920	8,721,647
San Joaquin Valley	32,293,439	30,384,408	32,655,819	32,568,422	33,978,710	32,736,434	32,577,746	32,912,914	31,710,053	33,011,824	32,385,220	34,247,254
Alpine												
Amador												
Calaveras												
El Dorado	3,333	3,501	3,370	3,726	3,481	3,505	3,119	2,308				
Inyo												
Mariposa												
Mono												
Nevada												
Placer	32,376	30,816	33,184	32,993	34,198	31,734	31,181	30,929	28,809	30,678	30,010	30,703
Sierra												
Tuolumne												
Sierra Mountain	35,709	34,317	36,554	36,719	37,679	35,239	34,300	33,237	28,809	30,678	30,010	30,703
Imperial	25,356	28,680	37,026	34,451	34,089	30,744	25,597	20,769	19,072	21,526	23,759	27,763
Los Angeles	238,063	198,620	244,725	212,214	216,592	219,851	205,206	216,425	217,454	212,510	216,075	225,594
Orange												
Riverside	6,111,624	5,795,555	6,236,879	6,145,041	6,398,396	6,120,216	6,185,298	6,128,403	5,743,765	6,111,703	5,975,781	6,266,472
San Bernardino	9,396,666	8,852,943	9,571,128	9,503,262	9,830,073	9,576,346	9,452,069	9,240,473	8,724,711	9,408,469	9,168,474	9,657,625
San Diego	583,804	546,492	592,564	590,890	613,322	599,190	606,151	598,893	573,480	598,880	578,843	575,783
Santa Barbara	151,702	140,238	153,845	147,463	156,642	156,432	157,559	155,327	130,948	137,449	141,625	143,982
Ventura	113,664	108,302	114,503	114,726	112,696	108,097	106,980	120,538	110,931	116,572	112,298	119,451
Southern California	16,620,879	15,670,830	16,950,670	16,748,047	17,361,810	16,810,876	16,738,860	16,480,828	15,520,361	16,607,109	16,216,855	17,016,670
State Totals	54,685,145	51,468,962	55,565,988	55,235,921	57,693,420	55,657,084	55,547,545	55,560,209	53,113,216	55,515,418	54,307,648	57,160,548

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	23,728	21,233	32,739	45,114	56,680	56,792	58,625	57,730	52,059	47,890	39,829	34,191
Humboldt	82,930	90,347	183,167	253,100	303,381	293,557	277,094	260,923	227,443	204,468	170,104	134,858
Mendocino												
North Coast	106,658	111,580	215,906	298,214	360,061	350,349	335,719	318,653	279,502	252,358	209,933	169,049
Shasta												
Siskiyou												
Trinity												
North Central												
Lassen												
Modoc												
Plumas												
North East												
Alameda												
Contra Costa							4,222					
Lake												
Marin	2,576	2,888	1,772	1,974	2,139	1,882	1,685	1,989		1,538	1,298	1,391
Monterey	2,580											
Napa												
San Benito						9,380	10,842	11,288	7,442	7,918	6,666	6,600
San Francisco												
San Luis Obispo		2,653	3,102	4,564	2,659	2,726	2,925	2,595	2,453	2,649	2,574	2,648
San Mateo												
Santa Clara									1,688			
Santa Cruz												
Sonoma	7,058	8,457	6,806	7,732	9,553	7,678	7,904	12,060	8,191	8,073	7,911	8,178
Central Coast	12,214	13,998	11,680	14,270	14,351	21,666	27,578	27,932	19,774	20,178	18,449	18,817
Butte			3,552	10,099	543		224				6,391	
Colusa	136				131		493		453			
Glenn	166,971	164,307	184,086	195,846	212,305	204,238	202,238	220,514	204,602	220,557	183,132	184,234
Sacramento	21,043	22,531	36,280	25,882	26,437	26,117	15,930	14,199	19,828	19,019	19,533	20,868
Solano				694								
Sutter												
Tehama	21,680	20,615	24,540	23,927	29,263	24,785	26,125	24,078	17,711	21,429	16,394	19,841
Yolo		185										
Yuba					410			596				
Sacramento Valley	209,830	207,638	248,458	256,448	269,089	255,140	245,010	259,387	242,594	261,005	225,450	224,943

CONTINUED...

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1988 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	24,719	20,566	19,450	27,648	36,926	28,086	36,985	29,270	20,130	14,453	21,908	17,273
Kern				2,007		523	533		1,746			
Kings	1,445	12,581	30,659	4,586	42,257	32,784	7,318	10,423	6,935	5,338	2,433	5,028
Madera	15,145	23,783	49,449	48,631	50,247	64,162	65,010	48,775	59,448	53,323	60,037	38,922
Merced	359,505	343,908	342,719	343,412	398,275	435,636	410,731	378,804	321,960	314,956	368,382	402,386
San Joaquin	106,917	103,047	92,957	91,037	105,466	126,888	111,456	106,220	97,424	106,358	125,400	118,320
Stanislaus	348,941	337,411	365,106	345,339	396,403	437,559	449,879	427,675	393,250	403,583	349,090	368,592
Tulare	43,401	37,462	37,984	31,731	18,510	14,396	22,855	15,476	11,033	41,104	9,236	13,625
San Joaquin Valley	900,073	878,758	938,324	894,391	1,048,084	1,140,034	1,104,767	1,016,643	911,926	939,115	936,486	964,146
Alpine												
Amador												
Calaveras												
El Dorado												
Inyo												
Mariposa												
Mono												
Nevada												
Placer												
Sierra												
Tuolumne												
Sierra Mountain												
Imperial												
Los Angeles					1,812					132		177
Orange												
Riverside	7,590	8,404	5,581	14,609	5,180	3,550	12,918	21,989	17,681	10,449	4,388	9,369
San Bernardino	13,969	1,350	8,636	11,188	5,769	8,537	3,561	20,959	9,643	3,241	6,392	9,999
San Diego			901									
Santa Barbara												
Ventura												
Southern California	21,559	9,754	15,118	25,797	12,761	12,087	16,479	42,948	27,324	13,822	10,780	19,545
State Totals	1,250,334	1,221,728	1,429,486	1,489,120	1,704,346	1,779,276	1,729,553	1,665,563	1,481,120	1,486,478	1,401,098	1,396,500

AVERAGE PRICES PAID TO PRODUCERS

The California Agricultural Statistics Service estimates the prices received by producers for many crops, livestock and livestock products. The livestock products include whole milk sold in wholesale quantities. Table 13 contains the estimated quantity-weighted-average monthly prices received by California producers for the period 1978 through 1988. Data for earlier years are available in other publications and have been published in previous annual **California Dairy Industry Statistics.**

The average producer prices paid monthly in California for market and manufacturing milk from 1978 through 1988 are presented in Tables 14 and 15. Prices paid for market milk presented in Table 14 reflect the varying quantities of the product paid for in accordance with class use as well as varying price levels for products with the same usage. Prices paid for manufacturing milk in Table 15 reflect primarily changes in price levels. Each price series is affected to some extent by variation in the average butterfat content of milk purchased from producers. The prices presented reflect the average test of the milk actually purchased each month from producers.

TABLE 13. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR ALL WHOLE MILK, BY MONTHS, 1978-1988 1/

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
	(dollars per hundredweight)												
1978	10.40	10.20	10.10	10.10	10.00	9.80	9.70	10.10	10.30	10.40	10.80	11.00	10.24
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.44
1980	12.76	12.71	12.54	12.54	12.53	12.55	12.49	12.68	12.89	13.42	13.66	13.81	12.88
1981	13.73	13.63	13.58	13.51	13.26	13.17	13.14	13.10	13.24	13.58	13.60	13.71	13.44
1982	13.84	13.66	13.57	13.37	12.93	12.82	12.81	12.76	12.93	13.08	13.36	13.48	13.22
1983	13.48	13.42	13.33	13.09	12.87	12.66	12.65	12.70	12.82	13.14	13.37	13.30	13.07
1984	13.18	13.04	12.82	12.66	12.49	12.43	12.57	12.48	12.72	13.14	13.45	13.34	12.86
1985	13.22	13.07	12.80	12.23	12.09	11.93	11.71	11.72	11.94	11.81	11.96	12.09	12.21
1986	11.97	11.90	11.81	11.65	11.43	11.35	11.31	11.59	11.90	12.16	12.16	12.09	11.78
1987	11.86	11.69	11.61	11.23	11.06	11.17	11.34	11.37	11.48	11.36	11.56	11.62	11.44
1988	11.39	11.11	10.90	10.70	10.69	10.59	10.55	10.60	10.87	11.08	11.29	11.71	10.96

1/ Prices are f.o.b. plant.

TABLE 14. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MARKET MILK, BY MONTHS, 1978-1988 1/

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
	(dollars per hundredweight)												
1978	10.40	10.30	10.10	10.10	10.00	9.85	9.75	10.10	10.30	10.40	10.80	11.00	10.26
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.44
1980	12.80	12.76	12.59	12.58	12.56	12.59	12.53	12.72	12.93	13.46	13.70	13.84	12.92
1981	13.76	13.66	13.61	13.55	13.30	13.22	13.19	13.14	13.27	13.60	13.63	13.74	13.47
1982	13.87	13.69	13.60	13.41	12.97	12.86	12.85	12.79	12.96	13.11	13.39	13.50	13.25
1983	13.50	13.45	13.36	13.12	12.90	12.69	12.68	12.73	12.85	13.17	13.40	13.34	13.10
1984	13.21	13.07	12.85	12.70	12.52	12.46	12.61	12.51	12.75	13.17	13.47	13.37	12.89
1985	13.25	13.10	12.83	12.26	12.12	11.96	11.74	11.76	11.98	11.84	11.98	12.12	12.24
1986	11.99	11.92	11.83	11.67	11.45	11.37	11.33	11.61	11.92	12.18	12.18	12.10	11.80
1987	11.87	11.71	11.63	11.25	11.08	11.19	11.35	11.38	11.49	11.38	11.58	11.64	11.46
1988	11.41	11.13	10.92	10.72	10.71	10.61	10.57	10.62	10.89	11.10	11.31	11.73	10.98

1/ Prices are f.o.b. plant.

TABLE 15. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MANUFACTURING MILK, BY MONTHS, 1978-1988 1/

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
	(dollars per hundredweight)												
1978	9.09	9.03	8.94	9.25	9.15	9.17	9.08	9.26	9.49	9.70	10.00	10.20	9.36
1979	10.00	9.85	9.80	10.10	10.30	10.30	10.30	10.40	10.70	11.10	11.60	11.60	10.50
1980	11.56	11.44	11.34	11.69	11.75	11.61	11.62	11.72	12.01	12.36	12.68	12.77	11.88
1981	12.71	12.64	12.84	12.49	12.21	12.10	12.06	12.22	12.38	12.89	12.87	12.86	12.52
1982	12.92	12.80	12.77	12.46	12.12	12.02	11.99	12.06	12.23	12.41	12.65	12.85	12.44
1983	12.82	12.58	12.67	12.42	12.25	12.04	12.02	12.05	12.19	12.26	12.55	12.37	12.35
1984	12.31	12.05	11.99	11.77	11.79	11.66	11.73	11.82	12.02	12.46	12.79	12.55	12.08
1985	12.27	12.05	11.78	11.39	11.25	11.23	10.97	10.89	11.00	11.02	11.25	11.31	11.37
1986	11.23	11.37	11.10	11.04	10.87	10.68	10.67	10.99	11.15	11.47	11.47	11.82	11.16
1987	11.27	11.08	10.91	10.66	10.59	10.66	10.88	10.96	10.98	10.72	10.88	10.94	10.88
1988	10.40	10.20	10.01	10.03	10.01	10.01	10.00	10.00	10.25	10.41	10.64	11.02	10.25

1/ Prices are f.o.b. plant.

UTILIZATION OF COMMERCIAL PRODUCTION

During 1988, approximately 24.4 percent of the total milk fat produced commercially in this State was used in fluid market milk. Fluid market milk for the purposes of Table 16 currently includes fluid whole milk, fluid lowfat milk, fluid skim milk, and yogurt. Fluid half-and-half used 1.5 percent of the milk fat; butter, 27.3 percent; cheese, including cottage cheese, 23.1 percent; condensed and evaporated milk products, 5.2 percent; frozen dairy products, 9.7 percent and all other manufactured products, 8.8 percent. Approximately 25.9 percent of the total milk fat was used in fluid market milk and cream. Manufactured products used the remaining 74.1 percent.

Approximately 37.1 percent of the market grade milk produced in 1988 was used in Class 1 milk products and 4.9 percent was used in manufactured products where market grade milk was mandatory. The remaining 58.0 percent was used in making all other kinds of manufactured products.

TABLE 16. ESTIMATED UTILIZATION OF CALIFORNIA'S COMMERCIAL MILK FAT PRODUCTION IN SELECTED DAIRY PRODUCTS, BY YEARS, 1968-1988

Year	Fluid Market Milk 1/	Fluid Market Cream 2/	Butter	Cheese 3/	Condensed Milk Products 4/	Frozen Dairy Products	Other Manufactured Products 5/
				(percent)			
1968	53.2	6.6	14.2	2.8	5.1	13.6	4.5
1969	52.3	6.0	15.5	2.6	5.0	13.7	4.9
1970	49.0	5.5	20.7	3.1	3.9	13.3	4.5
1971	47.1	5.1	22.1	3.4	4.0	13.0	5.3
1972	45.5	4.6	24.7	3.5	3.2	12.5	6.0
1973	45.6	4.7	24.2	4.4	3.0	12.4	5.7
1974	43.6	2.2	26.9	5.2	2.7	13.0	6.4
1975	42.2	2.2	28.1	5.9	2.7	13.2	5.7
1976	40.9	2.1	28.8	6.8	2.6	12.7	6.1
1977	40.0	2.1	29.9	7.5	2.2	12.2	6.1
1978	40.2	2.0	26.5	8.3	2.1	12.6	8.3
1979	38.8	2.0	26.9	9.2	2.1	12.1	8.9
1980	34.5	1.8	30.8	10.1	1.7	11.2	9.9
1981	32.5	1.7	30.6	11.6	1.9	11.1	10.6
1982	30.7	1.7	31.2	13.6	3.0	10.8	9.0
1983	30.8	1.7	29.3	15.7	3.9	11.4	7.2
1984	30.3	1.9	28.6	15.7	3.8	11.7	8.0
1985	27.4	1.8	30.4	18.3	4.0	10.5	7.6
1986	26.4	1.7	27.9	20.2	4.0	10.3	9.5
1987	25.4	1.6	26.9	22.4	4.2	10.0	9.5
1988	24.4	1.5	27.3	23.1	5.2	9.7	8.8

1/ Includes fluid whole milk, fluid lowfat milk, concentrated fluid milk, and fluid skim milk through 1973. Yogurt is also included for the period 1974-1988.

2/ Includes fluid cream and half-and-half through 1973; half-and-half only for subsequent years.

3/ Includes cottage cheese.

4/ Includes evaporated milk and other condensed milk products.

5/ Includes sour cream and all other fluid cream for the period 1974-1988.

TABLE 17. COMMERCIAL PRODUCTION AND USAGE OF MILK IN CALIFORNIA, BY YEARS, 1971-1988 1/

	COMMERCIAL PRODUCTION			CLASS 1 USAGE	AVAILABILITY FOR MANUFACTURE				
								Relative to Production	
	Market	Manufacturing	Total		Market	Manufacturing	Total	Market	Total
				(thousand pounds)				(percent)	
1971	8,614,289	979,836	9,594,125	5,406,666	3,207,623	979,836	4,187,459	37.2	43.6
1972	9,163,369	1,136,171	10,299,540	5,647,138	3,516,231	1,136,171	4,652,402	38.4	45.2
1973	9,354,250	879,237	10,233,487	5,719,894	3,634,356	879,237	4,513,593	38.9	44.1
1974	9,776,188	724,765	10,500,953	5,740,347	4,035,841	724,765	4,760,606	41.3	45.3
1975	10,060,384	695,507	10,755,891	5,837,522	4,222,862	695,507	4,918,369	42.0	45.7
1976	10,886,279	602,087	11,488,366	6,032,561	4,853,718	602,087	5,455,805	44.6	47.5
1977	11,377,410	510,659	11,888,069	6,143,455	5,233,955	510,659	5,744,614	46.0	48.3
1978	11,329,087	447,648	11,776,735	6,211,747	5,117,340	447,648	5,564,988	45.2	47.3
1979	12,029,199	459,453	12,488,652	6,292,820	5,736,379	459,453	6,195,832	47.7	49.6
1980	12,998,001	517,997	13,515,998	6,238,927	6,759,074	517,997	7,277,071	52.0	53.8
1981	13,666,750	519,853	14,186,603	6,188,714	7,478,036	519,853	7,997,889	54.7	56.4
1982	13,901,010	566,472	14,467,482	6,082,539	7,818,471	566,472	8,384,943	56.2	58.0
1983	14,104,674	588,819	14,693,493	6,177,320	7,927,354	588,819	8,516,173	56.2	58.0
1984	14,654,257	580,604	15,234,861	6,307,805	8,346,452	580,604	8,927,056	57.0	58.6
1985	16,104,954	600,443	16,705,397	6,503,604	9,601,350	600,443	10,201,793	59.6	61.1
1986	16,643,908	525,846	17,169,754	6,541,685	10,102,223	525,846	10,628,069	60.7	61.9
1987	17,340,641	525,194	17,865,835	6,566,746	10,773,895	525,194	11,299,089	62.1	63.2
1988	18,074,742	479,711	18,554,453	6,705,333	11,369,409	479,711	11,849,120	62.9	63.9

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1987 and 1988 may be found in Table 22.

TABLE 18. COMMERCIAL PRODUCTION AND USAGE OF MARKET MILK FAT AND MARKET SKIM MILK IN CALIFORNIA, BY YEARS, 1971-1988 1/

	MARKET MILK FAT				MARKET SKIM MILK			
	Commercial Production	Usage		Other usage relative to production	Commercial Production	Usage		Other usage relative to production
		Class 1	Other			Class 1	Other	
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1971	309,103	180,183	128,920	41.7	8,305,186	5,226,483	3,078,703	37.1
1972	327,371	185,058	142,313	43.5	8,835,998	5,462,080	3,373,918	38.2
1973	335,933	185,344	150,589	44.8	9,018,317	5,534,550	3,483,767	38.6
1974	351,133	173,348	177,785	50.6	9,425,055	5,566,999	3,858,056	40.9
1975	364,795	173,102	191,693	52.5	9,695,589	5,664,420	4,031,169	41.6
1976	390,950	178,026	212,924	54.5	10,495,329	5,854,535	4,640,794	44.2
1977	405,943	178,958	226,985	55.9	10,971,467	5,964,497	5,006,970	45.6
1978	408,311	179,515	228,796	56.0	10,920,776	6,032,232	4,888,544	44.8
1979	426,183	180,650	245,533	57.6	11,603,016	6,112,170	5,490,846	47.3
1980	468,324	176,741	291,583	62.3	12,529,677	6,062,186	6,467,491	51.6
1981	490,629	174,337	316,292	64.5	13,176,121	6,014,377	7,161,744	54.4
1982	504,415	170,381	334,034	66.2	13,396,595	5,912,158	7,484,437	55.9
1983	506,076	171,767	334,309	66.1	13,598,598	6,005,553	7,593,045	55.8
1984	522,989	174,159	348,830	66.7	14,131,268	6,133,646	7,997,622	56.6
1985	586,824	177,182	409,642	69.8	15,518,130	6,326,422	9,191,708	59.2
1986	603,432	175,376	428,056	70.9	16,040,476	6,366,309	9,674,167	60.3
1987	628,634	174,998	453,636	72.2	16,712,007	6,391,748	10,320,259	61.8
1988	661,511	176,285	485,226	73.4	17,413,231	6,529,048	10,884,183	62.5

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1987 and 1988 may be found in Tables 23 and 24.

TABLE 19. COMMERCIAL PRODUCTION OF MILK FAT AND SKIM MILK IN CALIFORNIA AVAILABLE FOR MANUFACTURE, BY YEARS, 1971-1988 1/

	QUANTITIES AVAILABLE FOR MANUFACTURE							
	MILK FAT				SKIM MILK			
	Manufacturing	Market	Total	Relative to Production 2/	Manufacturing	Market	Total	Relative to Production 3/
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1971	36,549	128,920	165,469	47.9	943,287	3,078,703	4,021,990	43.5
1972	41,940	142,313	184,253	49.9	1,094,231	3,373,918	4,468,149	45.0
1973	32,646	150,589	183,235	49.7	846,591	3,483,767	4,330,358	43.9
1974	26,748	177,785	204,533	54.1	698,017	3,858,056	4,556,073	45.0
1975	25,960	191,693	217,653	55.7	669,547	4,031,169	4,700,716	45.4
1976	22,562	212,924	235,486	56.9	579,525	4,640,794	5,220,319	47.1
1977	18,958	226,985	245,943	57.9	491,701	5,006,970	5,498,671	48.0
1978	16,816	228,796	245,612	57.8	430,832	4,888,544	5,319,376	46.9
1979	16,881	245,533	262,414	59.2	442,572	5,490,846	5,933,418	49.3
1980	19,050	291,583	310,633	63.7	498,947	6,467,491	6,966,438	53.5
1981	19,147	316,292	335,439	65.8	500,706	7,161,744	7,662,450	56.0
1982	20,954	334,034	354,988	67.6	545,518	7,484,437	8,029,955	57.6
1983	21,556	334,309	355,865	67.4	567,263	7,593,045	8,160,308	57.6
1984	21,244	348,830	370,074	68.0	559,360	7,997,622	8,556,982	58.2
1985	22,472	409,642	432,114	70.9	577,971	9,191,708	9,769,679	60.7
1986	19,646	428,056	447,702	71.8	506,199	9,674,167	10,180,366	61.5
1987	19,591	453,636	473,227	73.0	505,603	10,320,259	10,825,862	62.9
1988	18,035	485,226	503,261	74.1	461,676	10,884,183	11,345,859	63.5

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1987 and 1988 may be found in Tables 23 and 24.

2/ The total commercial production of milk fat is presented in column 2 of Table 23.

3/ The total commercial production of skim milk is presented in column 2 of Table 24.

TABLE 20. SALES OF CALIFORNIA CLASS 1 MARKET MILK PRODUCTS, BY MONTHS, 1988

(gallons)

	January	February	March	April	May	June	July	August	September	October	November	December
Market Whole Milk	29,489,619	28,512,342	31,179,655	29,562,448	29,590,026	29,714,266	29,885,355	32,739,116	31,612,687	30,813,259	30,027,769	30,984,665
Market Lowfat Milk	25,686,433	24,836,537	27,147,881	25,842,109	25,979,979	24,965,468	24,138,946	25,726,397	27,196,201	27,396,441	26,530,241	26,867,145
Market Skim Milk	5,351,746	5,323,198	5,873,780	5,520,207	5,703,115	5,467,846	5,104,341	5,375,167	5,937,545	6,201,342	5,892,552	5,793,484
Half-and-Half	894,556	858,829	955,245	879,632	860,141	922,396	875,632	960,491	898,752	964,500	1,004,966	1,080,350
Yogurt	1,733,819	1,830,780	2,009,841	1,896,807	1,959,480	1,933,850	1,721,996	1,902,809	1,963,002	1,813,887	1,545,937	1,377,504
Other Class 1 Products	53,103	79,247	72,644	61,706	58,081	66,909	75,860	89,788	81,160	58,929	90,839	63,113
Total Class 1	63,209,276	61,440,933	67,239,046	63,762,909	64,150,822	63,070,735	61,802,130	66,793,768	67,689,347	67,248,358	65,092,304	66,166,261

MILK FAT SOLD IN CALIFORNIA CLASS 1 MARKET MILK PRODUCTS

(pounds)

Market Whole Milk	8,848,344	8,555,327	9,355,446	8,869,076	8,878,458	8,923,807	8,966,335	9,822,846	9,480,483	9,244,616	9,009,315	9,296,100
Market Lowfat Milk	4,253,983	4,112,774	4,500,317	4,282,103	4,305,632	4,142,144	4,010,403	4,271,719	4,528,083	4,560,656	4,414,943	4,477,373
Market Skim Milk	107,247	105,459	117,098	109,031	112,821	109,247	101,463	107,233	118,625	123,440	117,638	115,736
Half-and-Half	809,294	777,348	864,334	804,199	778,644	834,572	792,482	871,093	827,703	874,356	911,030	979,513
Yogurt	283,965	299,845	329,172	310,659	320,924	316,726	282,029	311,642	321,500	297,078	253,194	225,608
Other Class 1 Products	6,232	14,386	11,194	10,662	8,953	11,749	12,409	21,118	14,259	10,562	18,756	12,498
Total Class 1	14,309,065	13,865,139	15,177,561	14,385,730	14,405,432	14,338,245	14,165,121	15,405,651	15,290,653	15,110,708	14,724,876	15,106,828

TABLE 21. PRODUCTION OF SELECTED MANDATORY CLASS 2 PRODUCTS AND USAGE OF MARKET MILK FAT IN THESE PRODUCTS IN CALIFORNIA, BY MONTHS, 1988

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
						(product pounds)						
Sour Cream and Sour Cream Dressing	7,706,260	8,253,193	9,335,431	8,100,030	9,462,108	9,578,909	8,524,869	9,679,347	7,807,078	8,671,018	10,845,090	11,393,302
All Other Market Cream	4,966,164	5,391,079	6,799,426	7,378,556	7,026,984	6,786,761	6,704,141	6,378,876	5,953,733	7,436,912	9,578,014	7,616,104
Buttermilk	6,976,856	7,106,345	7,864,035	7,162,763	7,821,883	7,417,217	7,380,504	7,915,996	7,406,450	7,201,700	7,359,747	7,179,227
Creamed Cottage Cheese 1/	2,023,487	1,938,151	2,205,380	1,998,994	2,170,734	1,874,784	2,000,523	2,155,248	1,819,237	1,695,158	1,702,054	1,690,599
Lowfat Cottage Cheese 1/	1,613,769	1,583,985	1,779,486	1,602,167	1,774,467	1,624,725	1,666,160	1,808,248	1,546,077	1,437,368	1,459,396	1,410,099
Cottage Cheese, Dry Curd 2/	46,381,219	44,199,206	50,777,345	45,214,064	49,149,190	41,246,116	40,917,962	43,949,370	37,921,597	37,335,474	35,890,252	34,318,032
Filled and Imitation Products	56,848	73,195	72,287	72,543	57,131	71,957	57,178	56,936	73,633	40,568	63,639	39,074
Yogurt(Out-of-State Sales)	4,594,180	4,901,157	4,206,509	5,439,689	5,072,959	4,973,397	4,649,513	4,713,952	4,176,624	4,005,811	4,175,205	3,513,625
Total	74,318,783	73,446,312	83,039,900	76,968,807	82,535,456	73,573,867	71,900,849	76,657,973	66,704,430	67,824,009	71,073,398	67,160,062
						(pounds of market milk fat)						
Sour Cream and Sour Cream Dressing	1,546,711	1,656,485	1,873,699	1,625,744	1,899,124	1,922,567	1,711,013	1,942,726	1,566,946	1,740,346	2,176,700	2,286,731
All Other Market Cream	1,623,894	1,762,838	2,223,356	2,412,726	2,297,765	2,219,214	2,192,198	2,085,839	1,946,821	2,431,808	3,131,931	2,490,403
Buttermilk	32,375	32,976	36,492	33,238	36,296	34,419	34,248	36,733	34,369	33,418	34,152	33,314
Creamed Cottage Cheese 3/	293,406	281,032	319,780	289,854	314,756	271,844	290,076	312,511	263,789	245,798	246,798	245,137
Lowfat Cottage Cheese 4/	88,757	87,119	97,872	88,119	97,596	89,360	91,639	99,454	85,034	79,055	80,267	77,555
Cottage Cheese, Dry Curd												
Filled and Imitation Products												
Yogurt(Out-of-State Sales)	84,405	90,044	77,282	99,938	93,201	91,372	85,421	86,605	76,733	73,595	76,707	64,553
Total	3,669,548	3,910,494	4,628,481	4,549,620	4,738,739	4,628,776	4,404,595	4,563,868	3,973,693	4,604,020	5,746,555	5,197,693

1/ Approximately 0.34 pound of creaming mixture is added to each pound of curd in the creaming process.

2/ Approximately 7.14 pounds of skim milk are required to make one pound of dry curd.

3/ Creaming mixture for creamed cottage cheese tests 14.5 percent.

4/ Creaming mixture for lowfat cottage cheese tests 5.5 percent.

TABLE 22. UTILIZATION OF MARKET AND MANUFACTURING MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1987-1988

YEAR AND MONTH	COMMERCIAL MILK PRODUCTION	MARKET MILK PRODUCTION AND USAGE							MANUFACTURING MILK PRODUCTION	MILK AVAILABLE FOR MANUFACTURE 3/	
		PRODUCTION	USAGE								
			CLASS 1		MANDATORY CLASS 2		ALL OTHER				
	TOTAL 1/	TOTAL	TOTAL	RELATIVE TO PRODUCTION 2/	TOTAL	RELATIVE TO PRODUCTION	TOTAL	RELATIVE TO PRODUCTION	TOTAL	TOTAL	RELATIVE TO COMMERCIAL PRODUCTION
	- (thousand pounds) -		(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	- (thousand pounds) -		(percent)
1987	17,865,835	17,340,641	6,566,746	37.9	1,011,353	5.8	9,762,541	56.3	525,194	10,287,735	57.6
1988	18,554,453	18,074,742	6,705,333	37.1	893,624	4.9	10,475,785	58.0	479,711	10,955,496	59.0
1987											
January	1,392,804	1,358,384	556,518	41.0	80,663	5.9	721,203	53.1	34,419	755,622	54.2
February	1,295,206	1,260,984	511,110	40.5	76,550	6.1	673,324	53.4	34,222	707,545	54.6
March	1,474,522	1,433,359	573,647	40.0	86,018	6.0	773,694	54.0	41,163	814,857	55.3
April	1,485,792	1,439,223	530,682	36.9	88,016	6.1	820,526	57.0	46,568	867,095	58.4
May	1,571,813	1,521,775	543,289	35.7	88,175	5.8	890,312	58.5	50,038	940,350	59.8
June	1,540,248	1,489,828	545,837	36.6	89,497	6.0	854,494	57.4	50,420	904,914	58.8
July	1,603,578	1,554,814	538,134	34.6	87,512	5.6	929,167	59.8	48,764	977,931	61.0
August	1,585,948	1,535,907	531,226	34.6	84,693	5.5	919,987	59.9	50,041	970,028	61.2
September	1,497,051	1,452,686	562,703	38.7	86,205	5.9	803,778	55.3	44,365	848,144	56.6
October	1,524,902	1,480,222	585,316	39.5	85,099	5.7	809,807	54.7	44,680	854,487	56.0
November	1,435,115	1,393,936	528,529	37.9	80,212	5.8	785,195	56.3	41,179	826,374	57.6
December	1,458,855	1,419,521	559,755	39.4	78,713	5.5	781,053	55.0	39,334	820,387	56.2
1988											
January	1,448,316	1,416,949	545,026	38.5	74,779	5.3	797,144	56.2	31,367	828,511	57.2
February	1,402,256	1,370,329	529,779	38.7	74,014	5.4	766,536	55.9	31,927	798,463	56.9
March	1,559,926	1,521,398	579,772	38.1	83,776	5.5	857,850	56.4	38,528	896,377	57.5
April	1,574,643	1,534,167	549,804	35.8	77,412	5.0	906,952	59.1	40,476	947,428	60.2
May	1,651,219	1,605,172	553,155	34.5	83,216	5.2	968,801	60.4	46,046	1,014,848	61.5
June	1,618,951	1,569,950	543,804	34.6	74,090	4.7	952,055	60.6	49,001	1,001,056	61.8
July	1,626,697	1,578,751	532,840	33.8	72,605	4.6	973,306	61.6	47,946	1,021,252	62.8
August	1,619,533	1,573,914	575,854	36.6	77,157	4.9	920,903	58.5	45,619	966,522	59.7
September	1,512,743	1,473,156	583,652	39.6	67,186	4.6	822,318	55.8	39,587	861,904	57.0
October	1,550,192	1,511,270	579,870	38.4	68,342	4.5	863,058	57.1	38,922	901,980	58.2
November	1,478,757	1,443,149	561,268	38.9	72,219	5.0	809,662	56.1	35,608	845,270	57.2
December	1,511,221	1,476,537	570,510	38.6	68,826	4.7	837,201	56.7	34,684	871,885	57.7

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be derived from Tables 7, 8, 9, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk available for manufacturing purposes in California is Total Commercial Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Usage.

TABLE 23. UTILIZATION OF MARKET AND MANUFACTURING MILK FAT PRODUCTION IN CALIFORNIA, BY MONTHS, 1987-1988

YEAR AND MONTH	COMMERCIAL MILK FAT PRODUCTION	MARKET MILK FAT PRODUCTION AND USAGE							MANUFACTURING MILK FAT PRODUCTION	MILK FAT AVAILABLE FOR MANUFACTURE 3/	
		PRODUCTION	USAGE								
			CLASS 1		MANDATORY CLASS 2		ALL OTHER				
	TOTAL 1/	TOTAL	TOTAL	RELATIVE TO PRODUCTION 2/	TOTAL	RELATIVE TO PRODUCTION	TOTAL	RELATIVE TO PRODUCTION	TOTAL	TOTAL	RELATIVE TO COMMERCIAL PRODUCTION
	- (thousand pounds) -		(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	- (thousand pounds) -		(percent)
1987	648,226	628,634	174,998	27.8	51,217	8.1	402,418	64.0	19,591	422,010	65.1
1988	679,546	661,511	176,285	26.6	55,118	8.3	430,108	65.0	18,035	448,143	65.9
1987											
January	52,551	51,239	14,868	29.0	3,670	7.2	32,700	63.8	1,312	34,012	64.7
February	48,051	46,759	13,618	29.1	3,679	7.9	29,463	63.0	1,291	30,754	64.0
March	54,114	52,573	15,208	28.9	4,141	7.9	33,224	63.2	1,541	34,765	64.2
April	52,963	51,265	14,082	27.5	4,466	8.7	32,717	63.8	1,698	34,415	65.0
May	54,958	53,162	14,372	27.0	4,255	8.0	34,536	65.0	1,796	36,331	66.1
June	53,725	51,923	14,586	28.1	4,284	8.2	33,053	63.6	1,802	34,855	64.9
July	56,244	54,480	14,494	26.6	4,306	7.9	35,680	65.5	1,764	37,444	66.6
August	55,987	54,159	14,518	26.8	3,945	7.3	35,695	65.9	1,828	37,524	67.0
September	53,483	51,850	14,888	28.7	4,130	8.0	32,832	63.3	1,633	34,465	64.4
October	55,468	53,766	15,365	28.6	4,252	7.9	34,148	63.5	1,702	35,850	64.6
November	54,252	52,619	14,005	26.6	5,016	9.5	33,598	63.8	1,633	35,230	64.9
December	56,429	54,838	14,993	27.3	5,072	9.2	34,773	63.4	1,591	36,363	64.4
1988											
January	55,935	54,685	14,309	26.2	3,691	6.8	36,685	67.1	1,250	37,935	67.8
February	52,691	51,469	13,865	26.9	3,945	7.7	33,659	65.4	1,222	34,880	66.2
March	56,995	55,566	15,178	27.3	4,664	8.4	35,724	64.3	1,429	37,154	65.2
April	56,725	55,236	14,386	26.0	4,574	8.3	36,276	65.7	1,489	37,765	66.6
May	59,398	57,693	14,405	25.0	4,772	8.3	38,516	66.8	1,704	40,220	67.7
June	57,436	55,657	14,338	25.8	4,666	8.4	36,653	65.8	1,779	38,432	66.9
July	57,277	55,548	14,165	25.5	4,433	8.0	36,949	66.5	1,730	38,679	67.5
August	57,226	55,560	15,406	27.7	4,596	8.3	35,559	64.0	1,666	37,224	65.0
September	54,594	53,113	15,291	28.8	3,999	7.5	33,824	63.7	1,481	35,305	64.7
October	57,002	55,515	15,111	27.2	4,634	8.3	35,771	64.4	1,486	37,258	65.4
November	55,709	54,308	14,725	27.1	5,818	10.7	33,765	62.2	1,401	35,166	63.1
December	58,557	57,160	15,107	26.4	5,326	9.3	36,728	64.2	1,396	38,125	65.1

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be derived from Tables 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk fat available for manufacturing purposes in California is Total Commercial Milk Fat Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Fat Usage.

TABLE 24. UTILIZATION OF MARKET AND MANUFACTURING SKIM MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1987-1988

YEAR AND MONTH	COMMERCIAL SKIM MILK PRODUCTION	MARKET SKIM MILK PRODUCTION AND USAGE							MANUFACTURING SKIM MILK PRODUCTION	SKIM MILK AVAILABLE FOR MANUFACTURE 3/	
		PRODUCTION	USAGE								
			CLASS 1		MANDATORY CLASS 2		ALL OTHER				
	TOTAL 1/	TOTAL	TOTAL	RELATIVE TO PRODUCTION 2/	TOTAL	RELATIVE TO PRODUCTION	TOTAL	RELATIVE TO PRODUCTION	TOTAL	TOTAL	RELATIVE TO COMMERCIAL PRODUCTION
	- (thousand pounds) -		(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	- (thousand pounds) -		(percent)
1987	17,217,609	16,712,006	6,391,748	38.2	960,136	5.7	9,360,122	56.0	505,603	9,865,725	57.3
1988	17,874,907	17,413,231	6,529,048	37.5	838,506	4.8	10,045,677	57.7	461,676	10,507,353	58.8
1987											
January	1,340,252	1,307,145	541,650	41.4	76,993	5.9	688,502	52.7	33,107	721,610	53.8
February	1,247,155	1,214,225	497,492	41.0	72,872	6.0	643,861	53.0	32,930	676,791	54.3
March	1,420,408	1,380,786	558,438	40.4	81,876	5.9	740,741	53.6	39,622	780,093	54.9
April	1,432,829	1,387,958	516,600	37.2	83,550	6.0	787,809	56.8	44,871	832,680	58.1
May	1,516,856	1,468,613	528,917	36.0	83,920	5.7	855,776	58.3	48,242	904,018	59.6
June	1,486,523	1,437,905	531,251	36.9	85,213	5.9	821,441	57.1	48,618	870,059	58.5
July	1,547,333	1,500,334	523,641	34.9	83,206	5.5	893,487	59.6	47,000	940,487	60.8
August	1,529,961	1,481,748	516,708	34.9	80,748	5.4	884,292	59.7	48,212	932,505	61.0
September	1,443,568	1,400,836	547,814	39.1	82,075	5.8	770,946	55.0	42,732	813,678	56.4
October	1,469,434	1,426,456	569,950	40.0	80,847	5.7	775,659	54.4	42,978	818,637	55.7
November	1,380,863	1,341,317	514,524	38.4	75,195	5.6	751,597	56.0	39,546	791,144	57.3
December	1,402,426	1,364,682	544,762	39.9	73,641	5.4	746,280	54.7	37,743	784,024	55.9
1988											
January	1,392,380	1,362,264	530,716	39.0	71,088	5.2	760,459	55.8	30,117	790,576	56.8
February	1,349,565	1,318,860	515,913	39.1	70,069	5.3	732,878	55.6	30,705	763,582	56.6
March	1,502,931	1,465,832	564,595	38.5	79,112	5.4	822,125	56.1	37,098	859,224	57.2
April	1,517,918	1,478,931	535,418	36.2	72,838	4.9	870,676	58.9	38,987	909,662	59.9
May	1,591,821	1,547,479	538,749	34.8	78,444	5.1	930,285	60.1	44,342	974,627	61.2
June	1,561,515	1,514,293	529,466	35.0	69,424	4.6	915,403	60.4	47,222	962,624	61.6
July	1,569,420	1,523,204	518,675	34.0	68,172	4.5	936,356	61.5	46,216	982,573	62.6
August	1,562,307	1,518,354	560,449	36.9	72,561	4.8	885,344	58.3	43,953	929,297	59.5
September	1,458,148	1,420,042	568,361	40.0	63,187	4.4	788,494	55.5	38,106	826,600	56.7
October	1,493,190	1,455,754	564,759	38.8	63,708	4.4	827,287	56.8	37,435	864,722	57.9
November	1,423,048	1,388,842	546,543	39.4	66,401	4.8	775,898	55.9	34,207	810,104	56.9
December	1,452,664	1,419,376	555,403	39.1	63,500	4.5	800,473	56.4	33,288	833,760	57.4

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be derived from Tables 7, 8, 9, 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The skim milk available for manufacturing purposes in California is Total Commercial Skim Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Skim Milk Usage.

SALES OF CLASS 1 MARKET MILK PRODUCTS

Total sales of Class 1 market milk products in California during 1988 amounted to approximately 777.7 million gallons. This included 676.4 million gallons of fluid whole and lowfat milk, 67.5 million gallons of fluid skim milk, 11.2 million gallons of half-and-half, and 22.5 million gallons of yogurt and miscellaneous Class 1 products. The sales of fluid whole and lowfat milk included approximately 10.2 million gallons to the Federal Government and 666.2 million gallons to the remainder of the population, the civilian trade.

Beginning in January 1974, changes were made in the usage-classification of several products made with market grade milk. The changes which are reflected in this section are the following: (1) The product called flavored dairy drink was replaced by flavored lowfat milk and flavored nonfat milk and included as components of lowfat milk sales and fluid skim milk sales, respectively; (2) all fluid cream items except half-and-half became Class 2 usage items; and (3) yogurt sales in California plus sales of the Class 1 skim portion of imitation milk products have been included as part of Class 1 sales. Because of these changes, valid comparisons between 1988 Class 1 sales and Class 1 sales for years prior to 1974 are difficult to make.

Between 1987 and 1988, total Class 1 sales increased approximately 2.1 percent. Sales of fluid whole and lowfat milk increased 1.0 percent, sales of fluid skim milk increased 13.0 percent, and sales of fluid half-and-half were up 1.9 percent.

A summary of fluid milk sales by types of trade in California for the years 1971 through 1988 is presented in Table 36. During 1988, sales of market whole milk and lowfat milk to the wholesale trade (stores, restaurants, schools, hospitals, etc.) by distributors on their own routes represented 82.9 percent of total sales; sales by distributors on their own routes to retail customers accounted for 0.1 percent; sales to retail customers cash-and-carry at the ranch and/or processing plant, 0.2 percent; sales to subdistributors (peddlers) for resale to the trade, 15.2 percent; and sales to the Federal Government, 1.5 percent.

TABLE 25. SALES OF CLASS 1 MARKET MILK PRODUCTS IN CALIFORNIA, BY YEARS, 1971-1988

	Whole and Lowfat Milk			Market Skim Milk	Flavored Dairy Drink	Half and Half	Market Cream			Total Class 1 2/
	Total 1/	Federal Government	Other				Total	Sour	Other	
					(thousand gallons)					
1971	569,655	30,396	539,259	36,220	9,864	8,427	4,516	3,597	919	628,682
1972	594,110	30,628	563,482	39,738	10,231	8,087	4,478	3,581	897	656,644
1973	600,990	30,178	570,812	41,523	9,820	8,166	4,605	3,773	832	665,104
1974	601,450	27,972	573,478	43,639		8,212				667,482
1975	609,327	23,428	585,899	46,263	Included in Market Whole, Lowfat, and Skim Milk	8,207	No longer Class 1 products			678,782
1976	634,292	21,683	612,609	46,540		8,516				701,461
1977	646,060	20,254	625,806	47,312		8,614				714,355
1978	654,784	18,077	636,707	46,097		9,095				722,296
1979	662,761	17,203	645,558	45,046		9,378				731,723
1980	655,269	16,243	639,026	44,694		9,394				725,455
1981	650,965	15,476	635,489	44,170		9,650				719,615
1982	640,484	15,340	625,144	42,429		9,700				707,272
1983	648,682	15,970	632,712	42,768		10,068				718,273
1984	657,391	15,725	641,666	47,406		11,247				733,466
1985	671,882	15,141	656,741	52,662		11,958				756,233
1986	670,727	19,179	651,548	56,110		11,707				758,778
1987	669,779	11,069	658,710	59,770		10,949				761,629
1988	676,437	10,178	666,259	67,544		11,155				777,666
1985										
January	56,764	1,369	55,395	4,407		955				63,718
February	52,829	1,267	51,562	4,183		877				59,368
March	57,060	1,374	55,686	4,633	Included in Market Whole, Lowfat, and Skim Milk	993	No longer Class 1 products			64,398
April	55,961	1,297	54,664	4,499		986				63,190
May	57,326	1,325	56,001	4,630		1,034				64,799
June	51,345	1,203	50,142	4,059		911				57,963
July	56,164	1,289	54,875	4,096		973				62,973
August	57,415	1,192	56,223	4,174		998				64,375
September	55,803	1,177	54,626	4,352		936				62,778
October	59,432	1,260	58,172	4,896		1,026				67,131
November	57,134	1,243	55,891	4,480		1,099				64,109
December	54,647	1,144	53,503	4,254		1,169				61,430
1986										
January	57,831	1,618	56,213	4,770		1,024				65,326
February	52,313	1,320	50,993	4,440		934				59,264
March	56,369	1,646	54,723	4,795	Included in Market Whole, Lowfat, and Skim Milk	1,033	No longer Class 1 products			64,082
April	55,520	1,560	53,960	4,819		1,025				63,200
May	56,822	1,534	55,288	4,940		1,022				64,663
June	53,022	1,378	51,644	4,408		903				60,061
July	54,979	1,506	53,473	4,340		947				62,069
August	56,075	1,493	54,582	4,366		970				63,061
September	56,710	1,664	55,046	4,794		939				64,281
October	58,343	1,804	56,539	5,095		980				66,044
November	55,317	1,858	53,460	4,710		903				62,377
December	57,426	1,799	55,626	4,632		1,028				64,349
1987										
January	57,105	1,133	55,972	4,909		914				64,546
February	52,077	987	51,090	4,686		900				59,280
March	58,336	981	57,356	5,328	Included in Market Whole, Lowfat, and Skim Milk	992	No longer Class 1 products			66,531
April	53,975	1,107	52,868	4,899		859				61,550
May	55,220	1,236	53,983	5,039		885				63,010
June	55,470	868	54,602	4,852		935				63,310
July	55,212	903	54,308	4,603		920				62,419
August	54,389	660	53,729	4,524		835				61,618
September	57,281	767	56,513	5,144		885				65,262
October	59,486	889	58,597	5,652		874				67,882
November	53,870	736	53,133	5,043		908				61,298
December	57,358	801	56,558	5,089		1,041				64,922
1988										
January	55,176	783	54,393	5,352		894				63,209
February	53,349	860	52,489	5,323		859				61,441
March	58,328	1,080	57,248	5,874		955				67,239
April	55,404	944	54,461	5,520		880				63,763
May	55,570	816	54,754	5,703		860				64,151
June	54,707	863	53,844	5,468		922				63,071
July	54,024	785	53,240	5,104		876				61,802
August	58,466	772	57,693	5,375		960				66,794
September	58,795	842	57,953	5,938		899				67,689
October	58,208	829	57,379	6,201		964				67,248
November	56,558	799	55,759	5,892		1,005				65,092
December	57,852	805	57,047	5,793		1,080				66,166

1/ Monthly and annual totals have been derived from unrounded data published in Tables 28, 30, 33, 34, and 35. Therefore, the sum of monthly data may not equal annual totals.

2/ Subsequent to 1973, total Class 1 includes yogurt and miscellaneous Class 1 products.

TABLE 26. CLASS 1 SALES OF SELECTED FLUID MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	Market Whole Milk	Market Lowfat Milk	Market Skim Milk	Half-and-Half	Total Class 1
		(gallons)			
Northern California	105,819,937	117,449,664	22,815,906	4,749,224	1/
South Valley	27,294,167	19,636,094	2,894,577	392,764	
Southern California	228,919,213	173,099,185	41,425,773	5,941,913	
Del Norte-Humboldt	1,753,123	1,791,771	341,843	61,853	
Out of Area	337,926	337,064	66,224	23,577	
State Totals	364,124,366	312,313,778	67,544,323	11,169,331	777,665,889

1/ Sales of yogurt and miscellaneous Class 1 products are not available by marketing areas.

TABLE 27. CLASS 1 SALES OF SELECTED MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, BY MONTHS,1988 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	20,458,317	19,772,774	21,595,850	20,694,973	21,095,752	20,428,830	20,140,163	21,510,030	21,687,924	21,335,608	21,053,980	21,060,530
South Valley	3,962,237	3,838,323	4,090,664	3,989,303	3,856,086	3,780,445	3,772,936	5,594,850	4,437,607	4,450,288	4,404,108	4,040,755
Southern California	36,635,421	35,554,895	39,078,638	36,761,589	36,793,346	36,507,181	35,720,316	37,262,528	39,087,230	39,116,202	37,626,664	39,242,074
Del Norte-Humboldt	325,400	325,637	345,886	317,796	320,310	305,530	297,793	343,969	358,349	398,141	301,522	308,257
Out of Area	40,979	39,277	45,523	40,735	67,767	74,990	73,066	89,794	74,075	75,303	69,254	74,028
State Totals	61,422,354	59,530,906	65,156,561	61,804,396	62,133,261	61,096,976	60,004,274	64,801,171	65,645,185	65,375,542	63,455,528	64,725,644

1/ Sales of yogurt and miscellaneous Class 1 products are not included because they are not available by marketing areas.

TABLE 28. TOTAL SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1988 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	18,360,120	17,681,032	19,259,766	18,438,836	18,786,870	18,150,919	17,942,291	19,144,777	19,321,951	18,845,006	18,675,637	18,662,396
South Valley	3,715,899	3,610,497	3,822,698	3,733,891	3,598,005	3,520,895	3,517,997	5,229,252	4,146,191	4,157,391	4,112,520	3,765,025
Southern California	32,771,845	31,730,720	34,895,399	32,912,802	32,835,541	32,693,413	32,230,643	33,702,816	34,939,709	34,785,030	33,437,989	35,082,491
Del Norte-Humboldt	291,724	291,978	309,637	283,614	289,346	275,315	268,766	309,590	321,791	355,905	270,933	276,295
Out of Area	36,464	34,652	40,036	35,414	60,243	66,192	64,604	79,078	65,405	66,368	60,931	65,603
State Totals	55,176,052	53,348,879	58,327,536	55,404,557	55,570,005	54,706,734	54,024,301	58,465,513	58,795,047	58,209,700	56,558,010	57,851,810

1/ Sales of market whole milk and lowfat milk to the Federal Government are included.

TABLE 29. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1988 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	18,111,004	17,401,346	18,938,987	18,148,663	18,481,031	17,875,462	17,701,283	18,909,155	19,031,443	18,566,150	18,407,151	18,378,518
South Valley	3,702,686	3,597,560	3,789,100	3,720,747	3,586,386	3,507,704	3,505,929	5,202,611	4,131,454	4,141,868	4,096,591	3,752,727
Southern California	32,251,478	31,163,469	34,170,066	32,272,828	32,337,653	32,119,204	31,699,253	33,192,973	34,403,127	34,249,118	32,923,516	34,573,955
Del Norte-Humboldt	291,512	291,768	309,373	283,374	289,148	275,081	268,496	309,332	321,491	355,653	270,669	275,947
Out of Area	36,464	34,652	40,036	35,414	60,243	66,192	64,604	79,078	65,405	66,368	60,931	65,603
State Totals	54,393,144	52,488,795	57,247,562	54,461,026	54,754,461	53,843,643	53,239,565	57,693,149	57,952,920	57,379,157	55,758,858	57,046,750

1/ Sales of market whole milk and lowfat milk to the Federal Government are not included. They are shown separately in Table 30.

TABLE 30. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA TO THE FEDERAL GOVERNMENT BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	249,116	279,686	320,779	290,173	305,839	275,457	241,008	235,622	290,508	277,658	268,486	283,878
South Valley	13,213	12,937	33,598	13,144	11,619	13,191	12,068	26,641	14,737	15,523	15,929	12,298
Southern California	520,367	567,251	725,333	639,974	497,888	574,209	531,390	509,843	536,582	535,912	514,473	508,536
Del Norte-Humboldt	212	210	264	240	198	234	270	258	300	252	264	348
Out of Area												
State Totals	782,908	860,084	1,079,974	943,531	815,544	863,091	784,736	772,364	842,127	829,345	799,152	805,060

TABLE 31. SALES OF MARKET WHOLE MILK IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	8,628,252	8,307,327	9,019,575	8,638,649	8,806,668	8,737,270	8,860,970	9,454,292	9,127,232	8,711,151	8,725,912	8,802,639
South Valley	2,116,556	2,048,838	2,195,057	2,113,592	2,076,519	2,113,131	2,107,127	3,261,150	2,394,734	2,347,637	2,326,087	2,193,739
Southern California	18,583,933	17,997,190	19,794,564	18,658,991	18,534,819	18,719,173	18,745,448	19,824,235	19,881,558	19,549,539	18,811,890	19,817,873
Del Norte-Humboldt	142,030	141,098	149,459	133,017	141,625	139,050	139,096	160,600	162,902	172,052	134,086	138,108
Out of Area	18,848	17,889	21,000	18,199	30,395	32,642	32,714	38,839	32,420	32,880	29,794	32,306
State Totals	29,489,619	28,512,342	31,179,655	29,562,448	29,590,026	29,741,266	29,885,355	32,739,116	31,598,846	30,813,259	30,027,769	30,984,665

TABLE 32. SALES OF LOWFAT MARKET MILK IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	9,731,868	9,373,705	10,240,191	9,800,187	9,980,202	9,413,649	9,081,321	9,690,485	10,194,719	10,133,855	9,949,725	9,859,757
South Valley	1,599,343	1,561,659	1,627,641	1,620,299	1,521,486	1,407,764	1,410,870	1,968,102	1,751,457	1,809,754	1,786,433	1,571,286
Southern California	14,187,912	13,733,530	15,100,835	14,253,811	14,300,722	13,974,240	13,485,195	13,878,581	15,058,151	15,235,491	14,626,099	15,264,618
Del Norte-Humboldt	149,694	150,880	160,178	150,597	147,721	136,265	129,670	148,990	158,889	183,853	136,847	138,187
Out of Area	17,616	16,763	19,036	17,215	29,848	33,550	31,890	40,239	32,985	33,488	31,137	33,297
State Total	25,686,433	24,836,537	27,147,881	25,842,109	25,979,979	24,965,468	24,138,946	25,726,397	27,196,201	27,396,441	26,530,241	26,867,145

TABLE 33. SALES OF MARKET SKIM MILK IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	1,722,384	1,725,960	1,934,371	1,880,597	1,909,126	1,883,148	1,817,117	1,951,299	1,979,266	2,073,798	1,974,956	1,963,884
South Valley	220,435	202,646	239,921	228,723	229,880	229,089	223,575	311,259	256,504	258,370	254,173	240,002
Southern California	3,376,486	3,362,343	3,664,592	3,377,925	3,532,412	3,323,783	3,033,569	3,075,949	3,664,362	3,826,219	3,631,508	3,556,625
Del Norte-Humboldt	29,229	29,036	31,068	29,163	26,141	25,299	23,821	28,526	30,888	36,199	25,772	26,701
Out of Area	3,212	3,213	3,828	3,799	5,556	6,527	6,259	8,134	6,525	6,756	6,143	6,272
State Total	5,351,746	5,323,198	5,873,780	5,520,207	5,703,115	5,467,846	5,104,341	5,375,167	5,937,545	6,201,342	5,892,552	5,793,484

TABLE 34. SALES OF HALF-AND-HALF IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	375,813	365,782	401,713	375,540	399,756	394,763	380,755	413,954	386,707	416,804	403,387	434,250
South Valley	25,903	25,180	28,045	26,689	28,201	30,461	31,364	54,339	34,912	34,527	37,415	35,728
Southern California	487,090	461,832	518,647	470,862	425,393	489,985	456,104	483,763	483,159	504,953	557,167	602,958
Del Norte-Humboldt	4,447	4,623	5,181	5,019	4,823	4,916	5,206	5,853	5,670	6,037	4,817	5,261
Out of Area	1,303	1,412	1,659	1,522	1,968	2,271	2,203	2,582	2,145	2,179	2,180	2,153
State Total	894,556	858,829	955,245	879,632	860,141	922,396	875,632	960,491	912,593	964,500	1,004,966	1,080,350

TABLE 35. SALES OF CLASS 1 YOGURT IN CALIFORNIA, 1977-1988

Month	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(gallons)						
January	840,848	946,944	1,041,653	1,270,994	1,116,434	1,107,907	1,450,494	1,479,756	1,554,511	1,653,288	1,565,781	1,733,819
February	840,189	955,134	979,654	1,375,360	1,176,634	1,182,459	1,332,739	1,467,120	1,454,923	1,538,282	1,543,623	1,830,780
March	1,000,518	1,047,245	1,112,377	1,411,460	1,332,044	1,337,986	1,548,441	1,565,985	1,683,856	1,829,622	1,826,882	2,009,841
April	1,002,256	999,083	1,120,263	1,418,033	1,252,399	1,300,627	1,446,942	1,516,376	1,702,447	1,780,142	1,751,510	1,896,807
May	1,024,513	1,099,612	1,241,333	1,482,010	1,302,825	1,313,424	1,541,868	1,640,074	1,799,113	1,849,958	1,821,575	1,959,480
June	982,821	979,419	1,171,482	1,393,047	1,388,540	1,208,097	1,482,345	1,407,703	1,626,427	1,699,462	1,991,068	1,933,850
July	954,406	966,629	1,155,436	1,361,068	1,335,357	1,290,316	1,346,735	1,492,739	1,718,176	1,788,365	1,635,393	1,721,996
August	1,047,699	965,313	1,252,284	1,295,974	1,197,118	1,333,096	1,424,961	1,485,294	1,747,214	1,615,821	1,815,447	1,902,809
September	1,038,497	949,304	1,288,544	1,316,919	1,211,423	1,272,345	1,472,865	1,529,216	1,627,720	1,811,792	1,905,891	1,963,002
October	997,270	1,075,560	1,437,105	1,350,747	1,245,992	1,230,410	1,443,482	1,493,701	1,764,952	1,594,543	1,806,055	1,813,887
November	893,752	871,461	1,184,802	1,078,230	1,150,738	1,099,467	1,200,836	1,189,684	1,371,418	1,432,776	1,448,056	1,545,937
December	768,518	787,560	1,090,876	998,967	952,406	932,382	1,009,416	1,105,925	1,320,127	1,215,482	1,387,455	1,377,504
State Total	11,391,287	11,643,264	14,075,809	15,752,809	14,661,910	14,608,516	16,701,124	17,373,573	19,370,884	19,809,533	20,498,736	21,689,712

TABLE 36. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE, 1971-1988

	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total 1/
			(thousand gallons)			
1971	392,862	36,244	26,471	82,058	30,396	568,031
1972	416,564	31,096	24,880	89,512	30,628	592,680
1973	428,065	26,436	21,495	93,488	30,178	599,662
1974	439,995	16,668	18,779	96,472	27,973	599,887
1975	462,723	11,208	15,179	95,128	23,428	607,666
1976	488,481	8,610	12,141	101,974	21,683	632,889
1977	516,333	6,631	9,850	92,146	20,254	645,214
1978	538,073	5,534	8,607	83,983	18,077	654,274
1979	552,364	4,650	7,596	80,735	17,203	662,548
1980	552,691	2,814	6,509	76,682	16,245	654,941
1981	553,703	2,130	5,465	74,024	15,477	650,799
1982	545,833	1,978	4,491	72,842	15,340	640,484
1983	550,530	1,122	3,958	77,102	15,970	648,682
1984	557,736	1,162	3,495	79,273	15,725	657,391
1985	568,945	1,168	3,008	83,620	15,141	671,883
1986	564,256	950	2,334	84,007	19,179	670,727
1987	574,435	800	1,944	81,531	11,069	669,779
1988	560,782	708	1,616	103,154	10,178	676,437
1985						
January	48,167	99	283	6,846	1,369	56,764
February	44,851	100	247	6,364	1,267	52,829
March	48,366	114	258	6,948	1,374	57,060
April	47,392	117	256	6,899	1,297	55,961
May	48,226	119	262	7,394	1,325	57,327
June	43,975	105	243	5,818	1,203	51,345
July	47,389	89	253	7,144	1,289	56,164
August	48,872	83	262	7,006	1,192	57,415
September	47,316	91	240	6,980	1,177	55,803
October	50,302	86	225	7,559	1,260	59,432
November	48,236	84	234	7,336	1,243	57,134
December	45,852	80	245	7,326	1,144	54,647
1986						
January	48,678	86	215	7,234	1,618	57,831
February	44,285	74	187	6,446	1,320	52,313
March	47,628	84	208	6,803	1,646	56,369
April	46,718	83	209	6,950	1,560	55,520
May	47,715	80	207	7,285	1,534	56,822
June	44,551	71	194	6,827	1,378	53,022
July	45,872	73	197	7,331	1,506	54,979
August	47,033	68	197	7,284	1,493	56,075
September	47,255	86	197	7,507	1,664	56,710
October	49,405	98	174	6,862	1,804	58,343
November	46,681	70	169	6,539	1,858	55,317
December	48,432	75	179	6,940	1,799	57,426
1987						
January	48,893	70	166	6,844	1,133	57,105
February	44,436	64	156	6,433	987	52,077
March	50,110	76	172	6,997	981	58,336
April	45,568	73	171	7,056	1,107	53,975
May	47,118	74	159	6,632	1,236	55,220
June	47,793	71	154	6,584	868	55,470
July	47,425	70	164	6,650	903	55,212
August	46,852	61	157	6,658	660	54,389
September	49,324	62	164	6,964	767	57,281
October	51,190	64	171	7,171	889	59,485
November	46,195	56	159	6,723	736	53,870
December	49,531	59	150	6,818	801	57,358
1988						
January	47,527	50	140	6,676	783	55,176
February	45,451	59	150	6,828	860	53,349
March	48,057	67	158	8,965	1,080	58,328
April	45,835	59	133	8,434	944	55,404
May	46,099	60	132	8,463	816	55,570
June	45,315	63	134	8,333	863	54,707
July	44,753	54	127	8,305	785	54,024
August	48,148	59	127	9,360	772	58,466
September	48,037	56	128	9,731	842	58,795
October	47,765	58	137	9,418	829	58,208
November	46,347	60	122	9,229	799	56,558
December	47,447	62	128	9,410	805	57,852

1/ Monthly and annual totals have been derived from unrounded data; therefore, the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 30, 37, 38, 39, 40, and 41.

TABLE 37. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA MARKETING AREAS, BY TYPE OF TRADE, 1988

Marketing Area	WHOLESALE	RETAIL	CASH-AND-CARRY	PEDDLER	FEDERAL GOVERNMENT	TOTAL
			(gallons)			
Northern California	186,472,280	41,185	31,418	33,405,310	3,318,210	223,268,403
South Valley	35,614,712	485,899	308,713	10,326,039	194,898	46,930,261
Southern California	335,554,859	178,158	1,265,983	58,357,640	6,661,758	402,018,398
Del Norte-Humboldt	2,625,131	2,795	8,876	905,042	3,050	3,544,894
Out of Area	514,930			160,060		674,990
State Totals	560,781,912	708,037	1,614,990	103,154,091	10,177,916	676,436,946

1/ Monthly detail for each of the trade types may be found in Tables 38, 39, 40, 41, and 30, respectively.

TABLE 38. WHOLESALE SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1988 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
							(gallons)					
Northern California	15,572,437	14,641,072	15,999,838	15,375,496	15,549,854	15,186,306	15,120,155	16,129,092	16,027,672	15,638,207	15,574,836	15,657,315
South Valley	2,851,683	2,749,247	2,884,354	2,836,373	2,736,445	2,694,658	2,686,851	4,080,239	3,090,438	3,104,733	3,093,768	2,805,923
Southern California	28,850,857	27,809,789	28,904,974	27,384,257	27,550,811	27,172,527	26,697,366	27,643,847	28,660,532	28,730,527	27,428,163	28,721,209
Del Norte-Humboldt	224,996	227,824	240,534	215,471	215,437	208,860	199,163	231,610	208,989	239,441	203,495	209,311
Out of Area	26,774	23,198	27,669	23,583	46,464	52,597	49,846	62,799	49,748	52,471	46,865	52,916
State Totals	47,526,747	45,451,130	48,057,369	45,835,180	46,099,011	45,314,948	44,753,381	48,147,587	48,037,379	47,765,379	46,347,127	47,446,674

1/ Sales to institutions, such as California correctional facilities, are included.

TABLE 39. RETAIL HOME-DELIVERED SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	3,770	3,645	3,820	3,675	3,560	3,400	3,275	3,120	3,260	3,325	3,190	3,145
South Valley	34,325	41,191	43,384	41,469	41,725	40,961	38,616	40,818	40,319	41,047	41,028	41,016
Southern California	11,766	14,376	19,671	13,604	13,900	18,240	11,999	14,596	12,555	14,008	15,975	17,468
Del Norte-Humboldt	272	235	222	200	409	220	183	197	232	218	209	198
Out of Area												
State Totals	50,133	59,447	67,097	58,948	59,594	62,821	54,073	58,731	56,366	58,598	60,402	61,827

TABLE 40. CASH-AND-CARRY SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,855	2,908	3,127	2,919	3,141	2,968	2,826	2,759	1,911	2,037	1,972	1,995
South Valley	29,394	28,050	28,370	25,358	27,552	19,698	20,492	22,465	30,061	28,531	21,713	27,029
Southern California	106,867	118,353	125,675	103,192	100,965	109,740	102,873	100,913	95,304	105,857	97,575	98,669
Del Norte-Humboldt	611	794	759	1,398	855	1,129	851	748	668	789	720	683
Out of Area												
State Totals	139,727	150,105	157,931	132,867	132,513	133,535	127,042	126,885	127,944	137,214	121,980	128,376

TABLE 41. PEDDLER SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1988

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,531,942	2,753,721	2,932,202	2,766,573	2,924,476	2,682,788	2,575,027	2,774,184	2,998,600	2,922,581	2,827,153	2,716,063
South Valley	787,284	779,072	832,992	817,547	780,664	752,387	759,970	1,059,089	970,636	967,557	940,082	878,759
Southern California	3,281,988	3,220,951	5,119,746	4,771,775	4,671,977	4,818,697	4,887,015	5,433,617	5,634,736	5,398,726	5,381,803	5,736,609
Del Norte-Humboldt	65,633	62,915	67,858	66,305	72,447	66,001	68,299	76,777	111,602	115,205	66,245	65,755
Out of Area	9,690	11,454	12,367	11,831	13,779	13,595	14,758	16,279	15,657	13,897	14,066	12,687
State Totals	6,676,537	6,828,113	8,965,165	8,434,031	8,463,343	8,333,468	8,305,069	9,359,946	9,731,231	9,417,966	9,229,349	9,409,873

MANUFACTURE OF DAIRY PRODUCTS

Approximately 229.0 million pounds of butter were manufactured in California during 1988. This was 6.4 percent more than 1987 and 64.8 percent more than the amount produced 10 years earlier in 1978.

The total manufacture of cheese other than cottage cheese in California during 1988 was approximately 546.5 million pounds. This production was 10.9 percent more than in 1987 and approximately four times greater than the amount produced 10 years earlier. Of the cheese manufactured in 1988 approximately 331.3 million pounds were whole-milk varieties and 215.2 million pounds were part-skim and full-skim varieties. Between 1987 and the year 1988, the manufacture of whole-milk cheese increased 6.6 percent and the manufacture of part- and full-skim cheese increased 18.2 percent. Table 46 presents the annual manufacture of cheese in California by major varieties for the time period 1978 through 1988.

During 1988, approximately 71.0 million pounds of dry curd cottage cheese were manufactured in California. The addition of creaming mixtures to this curd resulted in an output of 68.4 million pounds of cottage cheese and 56.8 million pounds of lowfat cottage cheese. The approximate combined total of 125.2 million pounds manufactured represents cottage cheese in the form in which most of it is consumed. Between 1987 and 1988, the manufacture of cottage cheese and lowfat cottage cheese combined decreased about 7.9 percent. Lowfat cottage cheese manufactured decreased 4.4 percent while the manufacture of cottage cheese decreased 10.6 percent.

During 1988 approximately 336.6 million pounds of bulk unsweetened condensed skim milk were manufactured. This was 37.5 percent more than was manufactured during 1987.

During 1988, approximately 279.3 million pounds of nonfat-dry-milk for human consumption and 2.1 million pounds of nonfat-dry-milk for animal feed were manufactured in California. This was a decrease of 2.9 percent from 1987 for nonfat-dry-milk for human consumption. Nonfat-dry-milk for animal feed decreased 17.1 percent from 1987.

Approximately, 10.3 million gallons of fluid buttermilk were manufactured in California during 1988. This was 5.7 percent more than the output during 1987.

The manufacture of frozen dairy products in California during 1988 included approximately 107.2 million gallons of ice cream, 39.9 million gallons of ice milk, 5.1 million gallons of sherbet, 0.2 million gallons of imitation ice cream, and 0.1 million gallons of imitation ice milk. The approximate total of 152.4 million gallons was 4.5 percent more than that manufactured during 1987. The previous figures do not include approximately 13.7 million gallons of frozen yogurt manufactured in California during 1988. From 1987 to 1988, the manufacture of ice cream decreased approximately 1.0 percent. During the same period the manufacture of ice milk increased 23.0 percent, the manufacture of sherbet increased 4.3 percent, the manufacture of imitation ice cream decreased 5.0 percent, and the manufacture of imitation ice milk was down 5.0 percent.

TABLE 42. MANUFACTURE OF BUTTER IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(pounds)					
January	16,389,834	13,706,153	17,472,840	18,269,455	20,171,690	19,308,876	18,916,692	20,247,914	22,840,503	19,519,993	23,029,540
February	13,686,543	11,204,275	14,368,038	15,261,939	17,724,011	16,325,399	15,782,184	18,057,297	20,481,578	17,167,791	21,076,569
March	13,185,028	10,475,405	15,021,046	17,293,307	19,363,903	16,725,687	16,123,645	18,771,254	20,868,192	18,712,845	20,410,744
April	11,994,616	12,368,969	15,708,064	16,438,185	18,841,361	16,765,427	15,941,613	18,840,783	19,923,491	17,265,652	19,639,948
May	11,799,244	12,422,328	16,267,872	16,086,130	17,107,921	16,684,347	16,937,181	19,258,698	18,528,874	17,573,531	20,104,429
June	10,409,551	11,563,892	14,940,750	14,212,188	15,287,300	14,013,743	15,042,821	17,065,119	17,123,500	17,240,377	18,478,865
July	11,422,898	12,035,293	15,712,291	13,882,773	15,696,889	15,056,091	13,878,854	16,611,763	16,957,471	18,034,408	15,903,601
August	10,539,619	12,783,856	14,458,690	14,769,701	14,848,865	14,505,658	15,313,413	19,180,310	14,900,218	17,530,980	17,226,144
September	11,203,995	12,166,567	15,861,546	15,217,859	15,058,144	14,494,730	13,244,906	19,697,996	15,720,777	17,672,967	16,216,077
October	9,629,160	12,738,973	15,906,239	18,197,073	16,634,931	16,707,427	16,494,889	19,967,622	16,072,905	18,109,384	18,280,997
November	8,443,751	12,250,821	13,560,172	15,647,474	15,017,214	14,664,231	16,615,333	19,797,383	14,188,985	16,410,875	18,261,111
December	10,230,387	13,250,536	15,905,969	17,084,388	16,975,480	15,533,196	18,021,238	21,280,311	17,033,389	19,952,319	20,388,036
Total	138,934,626	146,967,068	185,183,517	192,360,472	202,727,709	190,784,812	192,312,769	228,776,450	214,639,883	215,191,122	229,016,061

TABLE 43. MANUFACTURE OF CHEESE IN CALIFORNIA, BY MONTHS, 1978-1988 1/

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(pounds)					
January	10,328,275	10,766,265	14,352,620	17,117,546	17,945,363	21,433,084	23,412,858	27,783,323	35,518,054	38,644,706	39,434,386
February	9,626,606	10,342,118	13,146,565	15,422,383	16,353,797	19,287,803	22,310,804	25,952,255	33,222,157	35,399,115	38,143,996
March	11,967,421	12,547,113	15,308,768	16,529,001	20,126,014	22,147,171	24,286,805	29,595,580	36,592,550	40,342,180	43,844,964
April	10,775,623	11,842,136	14,946,930	17,722,116	19,322,816	22,117,574	24,933,840	32,304,352	36,444,320	41,134,511	45,912,124
May	11,310,657	12,228,238	13,378,250	17,815,483	20,515,583	24,203,822	27,543,776	31,945,735	36,955,402	42,327,610	48,899,836
June	11,456,958	12,025,544	14,002,562	17,536,362	22,269,576	24,885,643	27,004,126	30,710,173	35,701,604	42,321,726	47,861,100
July	11,853,075	12,778,746	14,398,465	18,854,750	22,930,450	25,925,934	25,445,870	32,315,704	38,715,346	45,478,761	48,724,626
August	12,447,630	13,591,125	14,636,988	18,978,505	22,611,395	25,212,218	26,698,848	32,831,817	39,121,380	38,464,894	46,550,799
September	11,894,911	12,093,152	16,334,455	17,900,474	21,554,075	23,948,391	23,429,681	30,540,020	37,106,798	41,391,973	44,888,526
October	11,701,208	13,954,023	16,642,842	17,655,878	22,198,747	23,795,552	27,076,625	32,768,951	36,898,784	42,907,393	48,504,818
November	11,821,115	14,887,518	17,080,435	17,263,035	22,080,994	23,999,870	26,504,521	32,910,025	36,528,024	40,846,390	45,810,937
December	11,773,045	14,747,070	17,232,681	17,880,507	22,349,120	24,292,610	26,194,925	34,568,923	40,389,030	43,547,814	47,941,789
Total	136,956,524	151,803,048	181,461,561	210,676,040	250,257,930	281,249,672	304,842,679	374,226,858	443,193,449	492,807,073	546,517,901

1/ Cottage cheese is excluded.

TABLE 44. MANUFACTURE OF WHOLE MILK CHEESE IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(pounds)					
January	3,103,047	3,294,742	5,793,911	7,405,476	10,219,835	12,323,899	13,545,434	13,709,958	21,792,975	24,348,719	22,599,823
February	3,040,349	3,441,575	5,332,701	6,861,335	9,381,816	10,743,409	13,226,268	13,569,044	19,700,379	22,209,750	22,301,591
March	4,226,157	4,467,087	6,273,763	7,658,588	9,511,834	13,174,356	14,428,949	18,178,109	22,142,151	25,227,559	27,149,565
April	3,368,812	4,162,377	6,577,656	7,946,504	8,783,492	13,105,931	15,054,122	20,544,017	22,736,710	26,385,588	29,834,228
May	3,898,227	4,100,322	6,988,406	7,940,171	11,875,399	14,175,483	15,311,570	20,782,704	23,162,234	27,673,293	30,308,061
June	3,867,179	4,359,996	7,447,266	8,290,020	12,414,808	15,079,106	15,528,032	20,415,143	22,353,013	27,437,352	29,871,641
July	3,728,329	4,422,971	7,779,555	10,393,659	12,739,109	15,709,965	12,586,684	21,420,746	24,646,667	29,654,032	28,917,724
August	4,015,751	4,559,802	6,785,922	10,685,986	12,512,398	14,877,643	12,697,427	21,838,890	24,311,414	22,294,656	27,559,116
September	3,841,589	4,261,523	7,061,751	10,014,976	12,167,025	13,914,406	11,506,013	19,949,805	22,022,676	25,954,696	27,298,034
October	4,011,264	5,796,295	6,479,511	9,734,609	12,896,818	13,161,473	13,830,166	21,825,776	23,202,166	26,537,686	28,653,723
November	4,335,231	6,730,691	7,141,578	10,296,183	12,853,260	14,352,878	13,315,210	21,283,182	22,769,931	26,231,200	27,351,192
December	3,984,139	6,327,398	7,043,474	10,029,239	12,750,256	14,266,908	13,040,628	22,762,933	25,241,997	26,744,834	29,440,205
Total	45,420,074	55,924,779	80,705,494	107,256,746	138,106,050	164,885,457	164,070,503	236,280,307	274,082,313	310,699,365	331,284,903

TABLE 45. MANUFACTURE OF PART-SKIM AND FULL-SKIM CHEESE IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(pounds)					
January	7,225,228	7,471,523	8,558,709	9,712,070	7,725,528	9,109,185	9,867,424	14,073,365	13,725,079	14,295,987	16,834,563
February	6,586,257	6,900,543	7,813,864	8,561,048	6,971,981	8,544,394	9,084,536	12,383,211	13,521,778	13,189,365	15,842,405
March	7,741,264	8,080,026	9,035,005	8,870,413	10,614,180	8,972,815	9,857,856	11,417,471	14,450,399	15,114,621	16,695,399
April	7,406,811	7,679,759	8,369,274	9,775,612	10,539,324	9,011,643	9,879,718	11,760,335	13,707,610	14,748,923	16,077,896
May	7,412,430	8,127,916	6,389,844	9,875,312	8,640,184	10,028,339	12,232,206	11,163,031	13,793,168	14,654,317	18,591,775
June	7,589,779	7,665,548	6,555,296	9,246,342	9,854,768	9,806,537	11,476,094	10,295,030	13,348,591	14,884,374	17,989,459
July	8,124,746	8,355,775	6,857,433	8,461,091	10,191,341	10,215,969	12,859,186	10,894,958	14,068,679	15,824,729	19,806,902
August	8,431,879	9,031,323	7,612,543	8,292,519	10,098,997	10,334,575	14,001,421	10,992,927	14,809,966	16,170,238	18,991,683
September	8,053,322	7,831,629	9,272,704	7,885,498	9,387,050	10,033,985	11,923,668	10,590,215	15,084,122	15,437,277	17,590,492
October	7,689,944	8,157,728	10,163,331	7,921,269	9,301,929	10,634,079	13,246,459	10,943,175	13,696,618	16,369,707	19,851,095
November	7,485,884	8,156,827	9,938,857	6,966,852	9,227,734	9,646,992	13,189,311	11,626,843	13,758,093	14,615,190	18,459,745
December	7,788,906	8,419,672	10,189,207	7,851,268	9,598,864	10,025,702	13,154,297	11,805,990	15,147,033	16,802,980	18,501,584
Total	91,536,450	95,878,269	100,756,067	103,419,294	112,151,880	116,364,215	140,772,176	137,946,551	169,111,136	182,107,708	215,232,998

TABLE 46. MANUFACTURE OF CHEESE IN CALIFORNIA, BY VARIETIES, 1978-1988 1/

	Whole-Milk Cheese						Skim-Milk Cheese 2/	Total
	American Cheddar	Monterey	Cream	Italian	Other Varieties	All Varieties	All Varieties	
	(pounds)							
1978	6,104,926	9,240,999	9,489,692	19,430,775	1,153,682	45,420,074	91,536,450	136,956,524
1979	12,608,285	10,892,975	9,718,490	21,449,818	1,255,231	55,924,799	95,878,269	151,803,068
1980	36,421,283	11,284,408	7,170,170	24,402,956	1,426,677	80,705,494	100,756,067	181,461,561
1981	57,137,034	13,806,456	8,564,955	26,354,122	1,394,179	107,256,746	103,419,[illegible]4	210,676,040
1982	78,720,707	19,023,143	10,811,407	28,163,450	1,387,343	138,106,050	112,151,880	250,257,930
1983	84,747,859	25,067,086	11,183,010	42,543,960	1,343,542	164,885,457	116,364,215	281,249,672
1984	78,387,673	30,622,599	11,438,114	42,227,980	1,394,137	164,070,503	140,772,176	304,842,679
1985	132,295,557	35,342,073	12,752,380	54,234,023	1,656,274	236,280,307	137,946,551	374,226,858
1986	142,969,019	46,147,190	13,783,978	68,501,699	2,680,427	274,082,313	169,111,136	443,193,449
1987	169,740,621	48,735,588	12,774,515	76,272,142	3,176,499	310,699,365	182,107,708	492,807,073
1988	174,264,386	64,400,275	12,868,441	74,235,305	5,516,496	331,284,903	215,232,998	546,517,901

1/ Cottage cheese is excluded.

2/ All varieties of Part-Skim Cheese are included in this category.

TABLE 47. MANUFACTURE OF DRY CURD COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
	(pounds)										
January	8,555,193	8,553,584	8,388,650	8,316,490	7,435,377	7,374,644	6,883,741	7,859,972	8,1[illegible]74	7,493,404	6,495,969
February	8,048,785	7,692,518	8,100,555	7,564,786	6,955,977	6,760,261	6,773,418	7,176,630	7,360,197	6,989,169	6,190,365
March	9,127,474	9,124,044	8,786,304	8,423,881	8,102,337	7,645,925	7,386,701	8,018,124	8,462,908	7,825,336	7,111,673
April	8,766,513	8,407,773	8,650,741	8,486,280	7,623,330	7,549,011	7,259,495	8,104,307	8,694,627	7,924,823	6,332,502
May	9,521,989	9,175,161	8,742,730	9,102,668	8,026,146	7,501,383	7,562,864	8,441,392	8,810,373	8,012,736	6,883,640
June	8,960,525	8,682,715	8,494,076	9.119,751	7,630,116	7,287,505	7,826,679	8,171,787	8,701,485	8,074,917	5,776,767
July	8,498,589	8,550,961	9,016,215	8,997,098	7,651,955	7,118,641	8,734,169	8,670,577	9,446,761	7,994,174	5,730,807
August	9,048,073	8,962,626	8,932,936	8,444,538	7,662,961	7,409,483	8,535,710	8,204,047	8,826,275	7,741,568	6,155,374
September	8,750,809	8,637,639	8,224,678	7,864,806	7,362,107	6,965,640	8,197,329	7,704,525	8,442,9[illegible]	7,869,544	5,311,148
October	9,122,082	8,761,860	8,449,034	7,413,406	7,282,424	6,765,722	8,017,996	8,041,648	7,985,79[illegible]	7,785,686	5,229,058
November	7,892,489	7,344,452	7,823,489	7,117,964	6,340,007	6,236,695	6,721,421	6,932,514	6,904,004	6,734,635	5,026,646
December	7,164,394	7,528,050	7,279,978	6,624,347	5,997,343	5,730,292	6,782,989	6,936,939	6,565,788	6,423,697	4,806,447
Total	103,456,915	101,421,383	100,889,386	97,476,015	88,070,080	84,345,202	90,682,512	94,262,462	98,320,428	90,869,689	71,050,396

TABLE 48. MANUFACTURE OF LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1978-1988 1/

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(pounds)					
January	3,764,804	3,843,544	4,061,641	4,209,653	4,006,481	4,361,457	4,075,219	4,769,052	5,058,551	4,939,375	4,746,379
February	3,488,713	3,495,923	3,883,595	3,878,860	3,861,500	3,931,079	4,167,623	4,439,162	4,678,793	4,628,933	4,658,779
March	4,096,729	4,135,972	4,180,645	4,402,320	4,518,937	4,501,084	4,542,858	4,919,888	5,407,589	5,041,107	5,233,784
April	3,903,565	3,936,209	4,286,549	4,475,300	4,324,553	4,477,603	4,571,611	4,968,274	5,529,747	5,094,740	4,712,257
May	4,361,463	4,411,876	4,338,204	4,929,638	4,439,553	4,572,122	4,681,761	5,101,446	5,508,657	5,312,388	5,219,021
June	4,003,132	3,976,245	4,332,653	4,749,096	4,161,630	4,382,668	4,810,423	5,030,199	5,536,837	5,323,952	4,778,604
July	3,692,613	3,996,987	4,646,651	4,675,398	4,415,952	4,213,732	5,222,969	5,167,430	5,912,917	5,205,631	4,900,471
August	3,897,303	4,100,634	4,391,793	4,272,917	4,293,888	4,400,662	5,187,659	4,966,729	5,603,242	5,054,301	5,318,377
September	3,817,076	3,950,592	4,145,787	4,209,363	4,138,996	4,217,897	4,815,229	4,753,338	5,416,779	5,133,100	4,547,286
October	3,945,632	4,084,960	4,314,793	4,065,081	4,067,088	4,069,631	4,771,114	5,000,485	5,045,226	5,089,450	4,227,553
November	3,520,483	3,473,883	3,762,716	3,857,898	3,658,666	3,553,680	3,994,259	4,262,015	4,482,687	4,563,041	4,292,340
December	3,155,652	3,382,094	3,535,297	3,578,737	3,408,023	3,336,305	3,992,690	4,242,828	4,083,666	3,996,955	4,147,351
Total	45,647,165	46,788,919	49,880,324	51,304,261	49,295,267	50,017,920	54,833,415	57,620,846	62,264,691	59,382,973	56,782,202

1/ Lowfat cottage cheese is partially creamed.

TABLE 49. MANUFACTURE OF COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(pounds)					
January	8,298,828	8,444,323	8,223,870	7,665,950	7,239,576	7,081,527	6,995,035	7,248,917	6,990,270	6,754,094	5,951,433
February	7,760,148	7,565,154	7,826,150	7,115,675	6,699,119	6,351,363	6,710,632	6,529,681	6,308,160	5,819,954	5,700,445
March	8,832,732	8,869,190	8,525,449	7,902,243	7,708,171	7,229,474	7,221,711	7,053,521	7,216,297	6,699,180	6,486,413
April	8,437,073	8,380,940	8,342,269	7,830,824	7,205,769	7,019,945	7,139,835	7,268,690	7,301,914	6,645,985	5,879,395
May	9,193,496	8,879,447	8,289,668	8,259,049	7,567,194	7,476,893	7,354,656	7,528,354	6,686,421	6,794,888	6,384,513
June	8,809,945	8,604,792	8,205,420	8,255,515	7,200,281	7,127,575	7,249,677	6,981,019	6,940,685	6,789,426	5,514,072
July	8,496,558	8,718,928	8,548,389	8,220,776	7,257,056	7,100,718	8,225,073	7,609,461	7,659,068	6,738,568	5,883,890
August	8,779,886	8,854,460	8,530,618	7,800,747	7,468,767	7,554,627	7,682,935	7,205,623	7,154,667	6,490,772	6,338,965
September	8,407,266	8,518,996	7,891,790	7,605,910	7,247,078	7,039,973	7,517,945	6,681,393	6,764,414	6,558,222	5,350,697
October	8,969,546	8,595,947	8,200,186	7,341,109	7,227,101	6,960,590	7,454,402	6,935,183	6,578,934	6,357,330	4,985,760
November	7,769,617	7,523,897	7,302,111	7,053,774	6,396,579	6,508,451	6,407,086	6,023,191	6,120,631	5,569,474	5,006,040
December	6,980,292	7,477,502	6,762,964	6,598,175	6,045,935	5,838,795	6,252,725	5,918,701	5,969,353	5,356,298	4,972,349
Total	100,735,387	100,433,576	96,648,884	91,649,747	85,262,626	83,289,931	86,211,712	82,983,734	81,690,814	76,574,191	68,453,972

TABLE 50. MANUFACTURE OF COTTAGE CHEESE AND LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(pounds)						
January	12,063,632	12,287,867	12,285,511	11,875,603	11,246,057	11,442,984	11,070,254	12,017,969	12,048,821	11,693,469	10,697,812
February	11,248,861	11,061,077	11,709,745	10,994,535	10,560,619	10,282,442	10,878,255	10,968,843	10,986,953	10,448,887	10,359,224
March	12,929,461	13,005,162	12,706,094	12,304,563	12,227,108	11,730,558	11,764,569	11,973,409	12,623,886	11,740,287	11,720,197
April	12,340,638	12,317,149	12,628,818	12,306,124	11,530,322	11,497,548	11,711,446	12,236,964	12,831,661	11,740,725	10,591,652
May	13,554,959	13,291,323	12,627,872	13,188,687	12,006,747	12,049,015	12,036,417	12,629,800	12,195,078	12,107,276	11,603,534
June	12,813,077	12,581,037	12,538,073	13,004,611	11,361,911	11,510,243	12,060,100	12,011,218	12,477,522	12,113,378	10,292,676
July	12,189,171	12,715,915	13,195,040	12,896,174	11,673,008	11,314,450	13,448,042	12,776,891	13,571,985	11,944,199	10,784,361
August	12,677,189	12,955,094	12,922,411	12,073,664	11,762,655	11,955,289	12,870,594	12,172,352	12,757,909	11,545,073	11,657,342
September	12,224,342	12,469,588	12,037,577	11,815,273	11,386,074	11,257,870	12,333,174	11,434,731	12,181,193	11,691,322	9,897,983
October	12,915,178	12,680,907	12,514,979	11,406,190	11,294,189	11,030,221	12,225,516	11,935,668	11,624,160	11,446,780	9,213,313
November	11,290,100	10,997,780	11,064,827	10,911,672	10,055,245	10,062,131	10,401,345	10,285,206	10,603,318	10,132,515	9,298,380
December	10,135,944	10,859,596	10,298,261	10,176,912	9,453,958	9,175,100	10,245,415	10,161,529	10,053,019	9,353,253	9,119,700
Total	146,382,552	147,222,495	146,529,208	142,954,008	134,557,893	133,307,851	141,045,127	140,604,580	143,955,505	135,957,164	125,236,174

TABLE 51. MANUFACTURE OF UNSWEETENED CONDENSED SKIM MILK IN CALIFORNIA, BY MONTHS, 1978-1988 1/

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(pounds)						
January	9,268,658	8,584,679	9,476,052	9,868,071	9,208,647	12,952,059	12,513,337	12,336,086	19,891,435	17,873,999	22,911,877
February	7,214,443	7,120,651	9,711,197	9,459,283	8,319,233	9,595,845	12,872,177	10,981,191	17,414,306	17,768,462	22,984,355
March	8,853,721	8,760,017	10,154,329	9,388,627	11,687,943	11,256,307	14,543,532	13,750,049	19,140,899	22,123,742	26,401,446
April	8,659,040	8,655,491	10,989,971	10,700,235	11,045,774	11,716,635	17,037,066	17,123,742	17,158,598	19,788,170	28,145,394
May	9,058,303	9,639,221	11,671,242	9,812,147	16,154,701	14,202,202	14,812,570	19,968,072	18,063,590	19,960,642	28,132,596
June	10,009,188	9,246,262	12,146,707	10,418,619	15,524,990	15,564,762	14,327,669	17,189,819	19,699,515	21,210,804	27,466,336
July	9,853,672	11,642,227	12,311,181	11,349,757	10,831,618	15,739,444	16,596,966	21,471,421	17,806,731	20,608,985	29,983,950
August	10,103,618	11,964,264	12,401,967	10,236,911	14,143,380	15,478,554	16,355,272	23,294,595	17,367,862	20,584,338	30,726,410
September	8,857,169	9,834,736	11,008,721	9,523,691	13,029,751	15,211,243	13,496,826	21,926,378	17,028,439	22,206,856	30,598,134
October	9,863,190	11,297,223	10,517,682	10,294,324	12,724,473	14,143,687	14,810,752	22,270,926	15,437,417	23,723,487	33,445,780
November	9,065,406	9,362,524	10,300,488	10,949,862	11,120,135	14,324,952	14,303,830	17,567,424	18,134,816	19,897,657	27,971,096
December	8,692,871	10,396,026	10,345,447	10,981,930	11,308,766	13,631,586	13,122,914	17,709,979	18,893,074	19,013,804	27,835,536
Total	109,499,279	116,503,321	131,034,984	122,983,457	145,099,411	163,817,276	174,792,911	215,589,682	216,036,682	244,760,946	336,602,910

1/ Bulk goods.

TABLE 52. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR HUMAN CONSUMPTION, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(pounds)						
January	12,884,450	8,962,224	15,454,077	18,455,445	22,994,664	21,424,183	20,650,067	19,473,210	24,491,257	19,416,498	22,912,498
February	11,016,653	8,304,622	14,475,250	17,534,087	21,590,016	16,494,334	19,677,973	24,197,510	22,497,310	18,396,345	24,040,029
March	11,648,330	11,524,576	16,033,128	21,114,324	24,702,566	20,576,912	23,457,246	25,407,116	25,463,766	22,470,005	25,251,825
April	13,698,670	15,928,614	20,152,911	22,446,860	23,931,326	23,146,591	25,136,846	26,462,167	24,986,688	24,732,009	26,433,960
May	14,977,989	18,559,318	24,481,766	23,613,380	25,796,772	24,911,807	27,514,427	30,411,594	26,375,179	27,892,739	25,976,379
June	16,111,259	19,938,666	24,520,792	22,519,106	24,420,992	25,622,979	26,087,558	29,366,705	26,553,435	27,675,221	26,739,679
July	18,201,082	20,903,488	25,803,776	23,801,328	25,471,509	27,128,242	23,876,337	28,813,957	25,772,962	29,965,187	24,644,338
August	15,872,671	20,696,740	23,783,065	23,490,570	24,560,029	24,292,875	25,094,311	30,051,996	21,850,892	28,299,888	23,330,935
September	12,268,126	17,022,984	20,647,326	21,878,667	21,893,654	19,967,215	18,303,500	26,747,219	18,447,174	22,923,145	19,103,379
October	10,186,067	16,358,759	19,929,656	23,815,803	22,116,181	22,674,789	20,467,633	25,260,231	18,184,141	22,464,815	19,682,067
November	9,446,170	15,056,120	17,652,461	21,334,319	20,008,441	20,233,197	20,259,359	23,336,546	18,516,222	20,723,150	19,321,620
December	10,586,351	15,189,768	19,682,429	23,271,639	22,111,699	20,623,356	21,313,002	25,318,978	20,802,168	22,803,420	21,908,811
Total	156,897,818	188,445,879	242,616,637	263,275,528	279,597,849	267,096,480	271,838,259	314,847,229	273,941,194	287,762,422	279,345,520

TABLE 53. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR ANIMAL FEED, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(pounds)						
January	85,559	58,359	86,577	134,919	137,936	150,742	118,161	116,678	208,432	275,371	167,576
February	91,792	56,539	100,878	94,365	119,782	108,078	106,731	145,746	140,407	126,914	165,880
March	89,570	64,650	133,266	154,188	135,077	88,087	123,516	104,004	149,367	148,539	185,297
April	90,652	86,380	99,863	126,439	192,902	131,393	149,804	127,890	179,125	160,621	203,430
May	101,778	118,655	133,522	148,126	235,174	132,764	190,918	148,230	187,910	163,801	214,450
June	98,670	106,576	155,472	180,054	233,343	126,088	129,288	162,840	219,754	270,000	211,849
July	145,775	150,033	154,648	210,961	172,949	203,572	155,934	147,594	197,933	206,923	192,858
August	96,819	152,431	132,554	138,140	190,686	187,312	170,482	178,765	316,475	237,716	294,726
September	88,036	107,556	183,154	186,125	186,563	112,363	135,904	144,530	154,521	301,386	123,107
October	78,788	120,645	137,595	167,370	105,243	88,082	113,953	147,830	191,790	258,749	95,280
November	83,432	96,416	127,027	174,985	95,564	90,130	112,093	173,355	273,845	211,648	97,600
December	85,563	108,413	143,926	268,310	125,667	119,429	76,233	130,642	312,735	171,457	148,346
Total	1,136,434	1,226,653	1,588,482	1,983,982	1,930,886	1,538,040	1,583,017	1,728,104	2,532,294	2,533,125	2,100,399

TABLE 54. MANUFACTURE OF BUTTERMILK IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(gallons)						
January	1,003,433	973,150	903,952	873,549	781,913	784,464	848,653	850,679	898,179	792,185	809,380
February	936,289	898,208	858,367	825,838	759,541	735,449	767,272	779,741	789,640	748,776	824,402
March	1,093,092	984,272	893,810	933,728	870,579	868,205	819,708	852,715	908,415	844,434	912,301
April	1,017,698	932,276	907,591	909,652	816,974	778,503	807,962	837,771	926,308	820,012	830,947
May	1,090,987	993,324	898,227	895,733	840,898	855,764	863,943	865,402	924,560	836,126	907,411
June	1,056,935	943,424	917,105	928,336	816,702	830,023	772,195	839,310	896,476	820,708	860,466
July	1,053,947	957,338	918,719	947,983	819,431	816,324	876,722	899,283	952,732	828,201	856,207
August	1,058,664	1,007,482	942,759	877,717	841,283	876,953	937,901	845,673	947,328	827,148	918,329
September	985,881	963,164	894,562	894,058	803,430	825,039	868,910	852,680	870,226	807,286	859,217
October	1,034,174	937,489	917,431	829,179	797,110	792,457	868,444	882,055	880,739	814,249	835,464
November	944,796	868,360	855,771	840,167	788,075	849,820	852,535	813,112	788,533	814,030	853,799
December	892,031	882,432	868,261	821,168	788,984	829,796	840,160	850,341	843,025	788,897	832,857
Total	12,167,927	11,340,919	10,776,555	10,577,108	9,724,920	9,842,797	10,124,405	10,168,762	10,626,161	9,742,052	10,300,780

TABLE 55. MANUFACTURE OF ICE CREAM IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(gallons)						
January	5,835,485	6,350,980	6,247,041	6,205,235	6,369,178	6,217,188	6,931,142	7,917,179	8,378,507	7,258,921	6,649,753
February	5,926,463	6,307,557	6,983,138	6,603,166	6,598,596	7,131,544	7,989,726	7,681,586	7,734,913	8,011,634	8,326,431
March	7,828,013	7,712,701	7,770,253	7,897,802	8,521,556	9,109,709	9,249,867	8,398,994	9,161,477	9,184,544	10,116,585
April	7,151,847	7,345,798	7,669,571	7,622,194	7,856,208	7,976,684	8,799,618	9,334,477	9,455,320	10,251,781	9,254,920
May	8,044,078	8,075,767	7,759,459	7,996,749	8,341,210	8,374,678	10,040,751	10,257,210	10,183,061	9,754,108	9,502,465
June	9,190,663	8,743,310	8,475,633	9,638,159	9,533,305	10,485,562	10,243,651	10,737,742	9,842,718	10,062,008	10,539,280
July	8,506,610	8,642,687	9,482,641	10,381,126	9,417,652	9,759,724	10,695,734	11,974,076	10,988,546	10,586,026	10,234,067
August	9,151,216	9,285,620	9,314,616	9,070,995	9,674,414	10,839,800	11,087,596	10,588,741	10,020,907	10,196,775	11,082,387
September	6,945,402	7,356,422	7,449,444	8,319,800	8,794,146	9,455,822	9,336,604	8,990,192	9,133,681	9,286,900	9,351,222
October	7,713,146	8,009,799	7,708,245	7,207,262	7,241,206	7,618,126	9,059,391	8,921,683	7,994,974	8,623,934	7,665,643
November	6,655,471	6,121,780	5,712,745	6,527,797	6,769,825	7,242,970	6,774,638	5,714,422	6,836,634	7,099,801	7,256,564
December	5,282,815	5,156,936	6,140,630	6,709,143	6,121,166	6,856,013	6,478,330	6,216,284	7,425,337	7,969,685	7,193,515
Total	88,231,209	89,109,357	90,713,416	94,179,428	95,238,462	101,067,820	106,687,048	106,732,586	107,156,075	108,286,117	107,172,832

TABLE 56. MANUFACTURE OF ICE MILK IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(gallons)					
January	1,782,391	1,877,067	1,872,419	1,881,620	1,809,087	1,679,849	1,892,987	1,942,166	2,375,996	2,076,450	2,250,053
February	2,012,162	1,904,318	2,001,004	1,981,683	1,952,525	1,838,821	2,026,118	2,145,968	2,103,954	2,171,890	2,857,237
March	2,469,702	2,425,873	2,346,037	2,283,809	2,328,022	2,249,443	2,487,987	2,380,536	2,668,168	2,764,937	3,454,062
April	2,322,322	2,301,330	2,335,254	2,551,102	2,378,287	2,113,932	2,333,752	2,688,122	2,685,285	3,130,200	3,202,766
May	2,933,525	2,629,670	2,552,836	2,527,268	2,571,628	2,652,139	2,839,864	2,830,223	3,070,257	2,840,475	3,660,689
June	2,958,212	2,740,882	2,622,433	2,977,307	2,660,004	2,720,504	2,810,004	2,893,439	2,929,222	3,185,772	3,836,953
July	2,770,006	2,788,345	2,936,872	2,960,275	2,787,994	2,702,191	3,098,789	3,364,606	3,182,100	3,293,230	3,911,532
August	3,008,282	2,802,117	2,843,620	2,595,438	2,831,783	2,977,533	3,110,557	3,168,798	3,189,573	3,040,288	4,466,524
September	2,383,569	2,509,214	2,708,163	2,486,816	2,452,936	2,638,887	2,610,466	2,752,722	2,630,624	2,752,430	3,391,383
October	2,509,024	2,496,452	2,488,298	2,173,617	2,267,901	2,391,954	2,447,702	2,699,350	2,548,004	2,534,032	3,270,743
November	2,119,654	2,119,034	1,899,994	1,915,522	1,928,209	1,964,902	2,022,987	2,048,130	2,167,292	2,251,603	3,018,006
December	1,733,465	1,822,970	2,149,025	2,042,557	1,761,571	1,913,665	1,880,304	2,087,025	2,087,242	2,372,819	2,545,158
Total	29,002,314	28,417,272	28,755,955	28,377,014	27,729,947	27,843,820	29,561,517	31,001,085	31,637,717	32,414,126	39,865,106

TABLE 57. MANUFACTURE OF SHERBET IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(gallons)					
January	349,157	383,318	364,749	311,770	347,199	300,390	306,581	398,869	402,444	338,561	253,460
February	313,724	329,255	336,516	349,817	293,585	313,134	363,646	329,165	315,926	333,591	345,678
March	462,368	456,522	385,572	401,241	412,352	376,730	419,227	402,680	358,755	406,741	469,156
April	404,669	381,212	451,686	376,517	397,404	386,881	421,254	464,430	460,701	518,877	481,226
May	523,444	489,162	437,732	447,270	443,050	427,181	470,362	486,554	434,961	478,601	430,424
June	614,240	593,302	438,194	552,303	483,359	522,594	523,115	532,711	476,188	475,656	531,237
July	520,876	549,096	609,372	674,031	462,494	466,175	564,490	641,028	554,145	483,290	476,543
August	532,562	546,676	553,245	459,737	534,173	549,806	535,337	496,611	496,882	457,119	651,938
September	392,661	422,243	367,276	464,936	467,853	450,009	475,975	401,564	366,358	393,557	434,406
October	497,272	465,705	416,086	328,654	320,424	349,525	379,263	369,177	291,457	387,374	396,516
November	355,030	329,777	289,340	260,100	297,396	329,927	311,823	236,553	246,300	285,024	322,650
December	265,793	241,448	365,870	325,359	287,516	282,559	278,308	226,502	313,678	337,329	311,911
Total	5,231,796	5,187,716	5,015,638	4,951,735	4,746,805	4,754,911	5,049,381	4,985,844	4,717,795	4,895,720	5,105,145

CONSUMPTION AND MANUFACTURE PER CAPITA OF DAIRY PRODUCTS

The population of California on July 1, 1988 was estimated by the California Department of Finance to be 28,314,500. This represented an approximate increase of 652 thousand persons or 2.4 percent from the same date a year earlier.

Although no data are collected which directly relate to the consumption of dairy products in California, the quantities of some products either sold or manufactured in California represent reasonably well the quantities of these dairy products consumed in the State. These are products which for the most part are neither imported nor exported in significant amounts and which are not storable for any extended period of time. Products that have these characteristics and for which sales data are available are: fluid whole and lowfat milk, fluid skim milk, yogurt, half-and-half, and miscellaneous Class 1 products. The quantities of manufactured products produced in this State which may be assumed to represent those consumed here are limited to cottage cheese, buttermilk, and frozen products.

The sales of various dairy products and the manufacture of selected processed dairy products are expressed in either quarts per capita or pounds per capita in Table 62. Population figures used are those shown in the first column of the Table. All per capita estimates have been derived from unrounded data.

Per capita sales of all Class 1 dairy products in California during 1988 amounted to 109.86 quarts. This total of 109.86 included: 95.56 quarts of fluid whole and lowfat milk, 9.50 quarts of skim milk, 3.18 quarts of yogurt and miscellaneous Class 1 products, and 1.58 quarts of half-and-half. Valid comparisons of the per capita sales of these times for 1974 and later cannot be made with data for 1973 and earlier due to product reclassifications and changes in reporting procedures. For example, fluid creams are no longer Class 1 products while yogurt is a Class 1 product. Flavored dairy drinks are now included with either fluid whole milk, fluid lowfat milk, for fluid skim milk, depending on the fat content of the flavored dairy drink reported.

In 1988, manufacture per capita of creamed and lowfat cottage cheese in California totaled 4.42 pounds, a decrease of 10.0 percent from 1987. Creamed cottage cheese accounted for 2.42 pounds per capita, and lowfat cottage cheese accounted 2.00 pounds per capita. Between 1987 and 1988, the manufacture per capita of creamed cottage cheese decreased 12.6 percent and the manufacture per capita of lowfat cottage cheese decreased 7.0 percent.

During 1988, the manufacture per capita of buttermilk in California amounted to 1.46 quarts. This approximated an increase of 3.5 percent from the manufacture per capita existing during 1987.

Manufacture per capita of all frozen products in California during 1988 totaled 21.53 quarts, an increase from 1987 of 2.1 percent. The manufacture per capita of all frozen products included 15.14 quarts of ice cream, 5.63 quarts of ice milk, 0.72 quarts of sherbet, 0.02 quarts of imitation ice cream, and 0.02 quarts of imitation ice milk. Between 1987 and 1988, the manufacture per capita estimates for the various frozen dairy products indicate that both ice milk and sherbet experienced an increase. Ice cream exhibited a 3.3 percent decrease. Ice milk and sherbet were characterized by a 20.0 and 1.4 percent increase respectively. The manufacture per capita of imitation ice cream and imitation ice milk remained approximately the same.

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1971-1988 1/

Year	Estimated July 1 Population	Class 1 Product Sales Per Capita						Fluid Cream	
		Total	Fluid Milk	Fluid Skim Milk	Flavored Dairy Drink	Half and Half	Yogurt and Misc.	Sour	Other
	(Thousands)				-(Quarts)-				
1971	20,346	123.60	111.99	7.12	1.94	1.66	in Class 1	0.71	0.18
1972	20,585	127.60	115.44	7.72	1.99	1.57	Products	0.70	0.17
1973	20,868	127.49	115.20	7.96	1.88	1.56	Until 1974	0.72	0.16
1974	21,173	126.10	113.62	8.24	2/	1.55	2.68	4/	
1975	21,537	126.07	113.17	8.59		1.52	2.78		
1976	21,935	127.91	115.67	8.49		1.55	2.21 3/		
1977	22,350	127.85	115.62	8.47		1.54	2.21		
1978	22,839	126.50	114.68	8.07		1.59	2.16		
1979	23,255	125.86	114.00	7.75		1.61	2.50		
1980	23,771	122.07	110.26	7.52		1.58	2.71		
1981	24,210	118.90	107.55	7.30		1.59	2.45		
1982	24,722	114.44	103.63	6.86		1.57	2.37		
1983	25,152	114.23	103.16	6.80		1.60	2.66		
1984	25,576	114.71	102.81	7.41		1.76	2.72		
1985	26,365	114.73	101.94	7.99		1.81	2.99		
1986	26,846	113.06	99.94	8.36		1.74	3.02		
1987	27,663	110.13	96.85	8.64		1.58	3.06		
1988	28,314	109.86	95.56	9.50		1.58	3.18		

CONTINUED....

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1971-1988 - CONTINUED

Manufacture Per Capita

Year	Cottage Cheese			Fluid Buttermilk	Frozen Products				Imitation	
	Total	Creamed	Lowfat		Total	Ice Cream	Ice Milk	Sherbet	Ice Cream	Ice Milk
	(Pounds)			(Quarts)	(Quarts)					
1971	8.32	6.65	1.67	2.96	23.30	14.28	5.58	1.15	1.00	1.29
1972	8.22	6.32	1.89	2.93	23.41	14.50	5.59	1.18	0.92	1.21
1973	7.83	5.80	2.03	2.76	22.58	14.18	5.39	1.14	0.88	0.99
1974	7.06	5.15	1.91	2.47	23.34	15.16	5.44	1.16	0.76	0.80
1975	6.71	4.79	1.92	2.38	23.49	15.74	5.42	1.07	0.66	0.59
1976	6.85	4.88	1.98	2.46	22.90	15.83	4.96	1.16	0.48	0.47
1977	6.56	4.63	1.93	2.28	22.06	15.28	5.03	1.02	0.39	0.34
1978	6.41	4.41	2.00	2.13	22.05	15.45	5.08	0.92	0.34	0.26
1979	6.33	4.32	2.01	1.95	21.58	15.33	4.89	0.89	0.27	0.20
1980	6.16	4.06	2.10	1.81	21.33	15.26	4.84	0.84	0.22	0.16
1981	5.90	3.78	2.12	1.74	21.36	15.56	4.69	0.82	0.16	0.13
1982	5.44	3.45	1.99	1.57	20.85	15.41	4.49	0.77	0.10	0.09
1983	5.30	3.31	1.99	1.56	21.38	16.07	4.43	0.76	0.06	0.07
1984	5.51	3.37	2.14	1.58	22.20	16.68	4.62	0.79	0.04	0.07
1985	5.33	3.15	2.19	1.54	21.74	16.19	4.70	0.76	0.03	0.06
1986	5.36	3.04	2.32	1.58	21.42	15.96	4.71	0.70	0.02	0.02
1987	4.91	2.77	2.15	1.41	21.09	15.66	4.69	0.71	0.02	0.02
1988	4.42	2.42	2.00	1.46	21.53	15.14	5.63	0.72	0.02	0.02

1/ Estimates have been computed from unrounded data.

2/ Subsequent to 1973, flavored dairy drink sales have been categorized as either flavored fluid milk or flavored fluid skim milk sales depending on fat content.

3/ Subsequent to 1975, out-of-state yogurt sales have been excluded from Class 1 product sales.

4/ Subsequent to 1973, fluid cream sales have been excluded from Class 1 product sales.

MINIMUM PRICES

As specified in Division 21, Part 3, Chapter 2 of the Food and Agricultural Code of the State of California, the Milk Stabilization Branch establishes minimum prices to be paid to producers by handlers for market milk used in the various usage classifications for each marketing area in the State.

Commencing August 1, 1978, minimum Class 1 prices were established by means of a mathematical formula. The factors used in the formula and their respective weights have been the following: cost of production, 43 percent; Class 4 price, 42 percent; and real net spendable earnings, 15 percent. Effective August 1, 1982, the real net spendable earnings factor was permanently replaced by an average weekly earnings factor. This change in the formula was made because of the unavailability of the real net spendable earnings factor.

The Class 2 and 3 prices have traditionally (since September 22, 1965) been set by applying positive differentials to the Class 4 price.

The Class 4a component prices for fat and solids-not-fat are and have since September 22, 1965, been established by subtracting make allowances from the finished product prices of butter and nonfat dry milk respectively.

Since its establishment on August 1, 1982, the Class 4b price has been set equal to the Class 4a price until September 1, 1988, when the Class 4b price was set at 4.52 cents per hundredweight less than the Class 4a price. On January 1, 1989, a "cheese mover" was incorporated into the formula for the Class 4b price. This price is now equal to the larger of either a base price or the base price times the ratio of the commercial price to the USDA support purchase price for cheese.

The Milk Stabilization Branch of the Department of Food and Agriculture calculates the Class 1 prices bimonthly and the Class 2, 3, 4a, and 4b prices monthly. All prices are subject to change as a result of public hearings.

Minimum class prices in effect during 1988 are shown in Tables 63 through 66.

TABLE 63. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 1 PRODUCTS, BY MARKETING AREAS, 1988

PRODUCER PRICES, F.O.B. PROCESSING PLANT

Time Period	Marketing Area	Component Basis			Whole Milk Basis 1/	Weighted Average Basis 2/
		Fat	SNF	Fluid		
		($/Lb.)			($/Cwt.)	($/Cwt.)
January	Del Norte-Humboldt	1.4047	0.7143	0.0126	12.24	
	Northern California	1.3997	0.7143	0.0098	11.97	12.00
	South Valley	1.3997	0.7143	0.0080	11.82	
	Southern California	1.4047	0.7143	0.0123	12.21	
February and March	Del Norte-Humboldt	1.4054	0.7146	0.0127	12.25	
	Northern California	1.4004	0.7146	0.0099	11.99	12.02
	South Valley	1.4004	0.7146	0.0081	11.83	
	Southern California	1.4054	0.7146	0.0124	12.22	
April and May	Del Norte-Humboldt	1.3878	0.7075	0.0123	12.09	
	Northern California	1.3828	0.7075	0.0095	11.83	11.86
	South Valley	1.3828	0.7075	0.0077	11.67	
	Southern California	1.3878	0.7075	0.0120	12.07	
June and July	Del Norte-Humboldt	1.3926	0.7094	0.0124	12.13	
	Northern California	1.3876	0.7094	0.0096	11.87	11.90
	South Valley	1.3876	0.7094	0.0078	11.71	
	Southern California	1.3926	0.7094	0.0121	12.11	
August and September	Del Norte-Humboldt	1.3700	0.7004	0.0120	11.94	
	Northern California	1.3650	0.7004	0.0092	11.68	11.71
	South Valley	1.3650	0.7004	0.0074	11.52	
	Southern California	1.3700	0.7004	0.0117	11.92	
October and November	Del Norte-Humboldt	1.3793	0.7041	0.0121	12.02	
	Northern California	1.3743	0.7041	0.0093	11.75	11.78
	South Valley	1.3743	0.7041	0.0075	11.59	
	Southern California	1.3793	0.7041	0.0118	11.99	
December	Del Norte-Humboldt	1.4379	0.7277	0.0133	12.53	
	Northern California	1.4329	0.7277	0.0105	12.27	12.30
	South Valley	1.4329	0.7277	0.0087	12.11	
	Southern California	1.4379	0.7277	0.0130	12.50	

1/ Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

2/ Calculated for the State as a whole using market milk production in each marketing area for weighting.

TABLE 64. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MILK FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1988

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	1.5262	1.4898	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812
Del Norte-Humboldt	2	1.4969	1.4605	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519
Northern California and South Valley	2	1.5239	1.4875	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789
Southern California	3	1.5262	1.4898	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812	1.4812
Del Norte-Humboldt	3	1.4969	1.4605	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519	1.4519
Northern California and South Valley	3	1.5239	1.4875	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789	1.4789
All Areas	4a	1.4534	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448
	4b	1.4534	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448	1.4448

TABLE 65. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR SOLIDS-NOT-FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1988

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	0.6497	0.6212	0.6111	0.6106	0.6111	0.6104	0.6103	0.6203	0.6259	0.6425	0.6515	0.6607
Del Norte-Humboldt	2	0.6195	0.5910	0.5809	0.5804	0.5809	0.5802	0.5801	0.5901	0.5957	0.6123	0.6213	0.6305
Northern California and South Valley	2	0.6239	0.5954	0.5853	0.5848	0.5853	0.5846	0.5845	0.5945	0.6001	0.6167	0.6257	0.6349
Southern California	3	0.6182	0.5897	0.5796	0.5791	0.5796	0.5789	0.5788	0.5888	0.5944	0.6110	0.6200	0.6292
Del Norte-Humboldt	3	0.6182	0.5897	0.5796	0.5791	0.5796	0.5789	0.5788	0.5888	0.5944	0.6110	0.6200	0.6292
Northern California and South Valley	3	0.6182	0.5897	0.5796	0.5791	0.5796	0.5789	0.5788	0.5888	0.5944	0.6110	0.6200	0.6292
All Areas	4a	0.5482	0.5381	0.5376	0.5381	0.5374	0.5373	0.5473	0.5529	0.5747	0.5837	0.5929	0.6053
	4b	0.5482	0.5381	0.5376	0.5381	0.5374	0.5373	0.5473	0.5529	0.5695	0.5785	0.5877	0.6001

TABLE 66. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1988

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
		(dollars per pound)											
Southern California	2	10.99	10.62	10.50	10.50	10.50	10.49	10.49	10.58	10.63	10.77	10.85	10.93
Del Norte-Humboldt	2	10.63	10.25	10.14	10.13	10.14	10.13	10.13	10.22	10.26	10.41	10.49	10.57
Northern California and South Valley	2	10.76	10.39	10.27	10.26	10.27	10.26	10.26	10.35	10.40	10.54	10.62	10.70
Southern California	3	10.72	10.34	10.23	10.22	10.23	10.22	10.22	10.31	10.36	10.50	10.58	10.66
Del Norte-Humboldt	3	10.62	10.24	10.12	10.12	10.12	10.12	10.12	10.20	10.25	10.40	10.48	10.56
Northern California and South Valley	3	10.71	10.34	10.22	10.21	10.22	10.21	10.21	10.30	10.35	10.49	10.57	10.65
All Areas	4a	9.86	9.74	9.73	9.74	9.73	9.73	9.82	9.87	10.06	10.13	10.22	10.32
	4b	9.86	9.74	9.73	9.74	9.73	9.73	9.82	9.87	10.01	10.09	10.17	10.28

1/ Prices have been calculated from the price information presented in Tables 64 and 65 on a f.o.b. Distributor's Plant basis for 3.5 percent butterfat and 8.7 percent solids-not-fat milk.

TABLE 58. MANUFACTURE OF IMITATION ICE CREAM IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(gallons)						
January	121,878	139,716	85,887	84,991	58,338	32,645	18,328	11,575	5,080	9,101	8,136
February	126,241	150,493	106,940	86,492	30,615	53,114	21,167	19,866	8,208	11,118	12,313
March	240,834	133,490	97,292	73,033	59,355	48,327	17,240	15,678	10,247	13,354	17,700
April	156,639	164,277	110,595	86,510	47,529	25,690	25,225	29,222	9,303	13,062	11,176
May	154,087	104,239	114,103	110,514	71,898	30,811	23,682	18,328	14,808	14,977	17,079
June	242,583	188,805	126,704	117,851	47,559	40,210	18,002	20,926	21,050	15,636	11,314
July	174,659	96,434	168,979	107,032	69,747	30,539	30,024	30,907	23,002	18,472	15,024
August	184,196	190,040	151,736	64,801	56,659	28,869	20,629	16,804	12,218	16,942	21,996
September	151,380	148,208	67,301	66,757	66,107	20,640	19,458	19,569	12,477	16,062	12,660
October	151,063	105,293	140,496	81,076	60,716	18,299	23,209	20,145	14,703	16,540	8,998
November	119,974	90,353	57,453	53,795	30,287	13,570	8,761	8,183	7,168	6,826	8,479
December	99,518	55,875	78,515	29,506	14,136	14,638	14,585	11,526	6,819	8,330	7,537
Total	1,923,052	1,567,223	1,306,001	962,358	612,946	357,352	240,310	222,729	145,083	160,420	152,412

TABLE 59. MANUFACTURE OF IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
					(gallons)						
January	77,208	94,091	57,320	50,508	27,760	23,517	22,196	22,049	15,675	6,625	4,910
February	111,726	70,614	60,396	75,254	36,135	27,978	44,210	38,654	26,100	12,439	6,150
March	122,171	135,401	82,734	65,790	71,433	48,673	43,445	23,804	9,335	5,895	9,024
April	158,291	92,791	113,594	78,968	64,878	32,556	36,741	61,398	8,605	13,413	12,070
May	144,561	134,940	75,362	69,301	54,879	39,311	37,819	54,845	8,990	9,067	11,985
June	169,502	105,344	105,706	95,035	56,758	70,585	46,930	22,235	13,873	9,912	13,155
July	141,430	125,292	106,439	94,074	56,279	46,039	42,669	31,426	18,932	17,311	11,660
August	145,842	109,214	105,737	71,097	41,278	63,399	56,660	42,356	8,590	13,805	10,109
September	132,860	77,619	80,342	61,626	43,527	31,075	39,722	22,124	13,495	7,600	15,240
October	126,571	105,029	70,986	52,600	30,088	33,483	26,577	27,490	5,300	6,875	9,080
November	92,476	60,237	54,087	44,893	34,339	21,614	11,083	11,150	6,940	7,505	7,502
December	75,157	49,762	46,511	22,790	15,546	11,496	16,250	13,142	5,660	10,131	3,697
Total	1,497,795	1,160,334	959,214	781,936	532,900	449,726	424,302	370,673	141,495	120,578	114,582

TABLE 60. MANUFACTURE OF IMITATION ICE CREAM AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(gallons)					
January	199,086	233,807	143,207	135,499	86,098	56,162	40,524	33,624	20,755	15,726	13,046
February	237,967	221,107	167,336	161,746	66,750	81,092	65,377	58,520	34,308	23,557	18,463
March	363,005	268,891	180,026	138,823	130,788	97,000	60,685	39,482	19,582	19,249	26,724
April	314,930	257,068	224,189	165,478	112,407	58,246	61,966	90,620	17,908	26,475	23,246
May	298,648	239,179	189,465	179,815	126,777	70,122	61,501	73,173	23,798	24,044	29,064
June	412,085	294,149	232,410	212,886	104,317	110,795	64,932	43,161	34,923	25,548	24,469
July	316,089	221,726	275,418	201,106	126,026	76,578	72,693	62,333	41,934	35,783	26,684
August	330,038	299,254	257,473	135,898	97,937	92,268	77,289	59,160	20,808	30,747	32,105
September	284,240	225,827	147,643	128,383	109,634	51,715	59,180	41,693	25,972	23,662	27,900
October	277,634	210,322	211,482	133,676	90,804	51,782	49,786	47,635	20,003	23,415	18,078
November	212,450	150,590	111,540	98,688	64,626	35,184	19,844	19,333	14,108	14,331	15,981
December	174,675	105,637	125,026	52,296	29,682	26,134	30,835	24,668	12,479	18,461	11,234
Total	3,420,847	2,727,557	2,265,215	1,744,294	1,145,846	807,078	664,612	593,402	286,578	280,998	266,994

TABLE 61. MANUFACTURE OF ICE CREAM, ICE MILK, SHERBET, IMITATION ICE CREAM, AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1978-1988

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
						(gallons)					
January	8,166,119	8,845,172	8,627,416	8,534,124	8,611,562	8,253,589	9,171,234	10,291,838	11,177,702	9,689,658	9,166,312
February	8,490,316	8,762,237	9,487,994	9,096,412	8,911,456	9,364,591	10,444,867	10,215,239	10,189,101	10,540,672	11,547,809
March	11,123,088	10,863,987	10,681,888	10,721,675	11,392,718	11,832,882	12,217,766	11,221,692	12,207,982	12,375,471	14,066,527
April	10,193,768	10,285,408	10,680,700	10,715,291	10,744,306	10,535,743	11,616,590	12,577,649	12,619,214	13,927,333	12,962,158
May	11,799,695	11,433,778	10,939,492	11,151,102	11,482,665	11,524,120	13,412,478	13,647,160	13,712,077	13,097,228	13,622,642
June	13,175,200	12,371,643	11,768,670	13,380,655	12,780,985	13,839,455	13,641,702	14,207,053	13,283,051	13,748,984	14,931,939
July	12,113,581	12,201,854	13,304,303	14,216,538	12,794,166	13,004,668	14,431,706	16,042,043	14,766,725	14,398,329	14,648,826
August	13,022,098	12,933,667	12,968,954	12,262,068	13,138,307	14,459,407	14,810,779	14,313,310	13,728,170	13,724,929	16,232,954
September	10,005,872	10,513,706	10,672,526	11,399,935	11,824,569	12,596,433	12,482,225	12,186,171	12,156,635	12,456,549	13,204,911
October	10,997,076	11,182,278	10,824,111	9,843,209	9,920,335	10,411,387	11,936,142	12,037,845	10,854,438	11,568,755	11,350,980
November	9,342,605	8,721,181	8,013,619	8,802,107	9,060,056	9,572,983	9,129,292	8,018,438	9,264,334	9,650,759	10,613,201
December	7,456,748	7,326,991	8,780,551	9,129,355	8,199,935	9,078,371	8,667,777	8,554,479	9,838,736	10,698,294	10,061,818
Total	125,886,166	125,441,902	126,750,224	129,252,471	128,861,060	134,473,629	141,962,558	143,312,917	143,798,165	145,876,961	152,410,077

SALES OF MARKET WHOLE MILK AND LOWFAT MILK
BY SIZE AND TYPE OF CONTAINER,
AND BY TYPE OF TRADE

In October 1988, all market milk distributors in California were requested to complete a special one-page form relating to their sales of market whole milk and lowfat milk by size and type of container and by type of trade. A similar survey for each October has been made every year since 1951.

Table 67 contains summary tabulations of the data reported on the special survey forms used for October, 1988. In this table, all sales are expressed in gallon units. For example, sales in quarts, represents the number of gallons (expressed as quart units) sold rather than the number of quarts sold. This results in greater comparability and facilitates the computation of percentage distributions.

In 1988, sales by type of trade were reported under the headings of: wholesale, retail, cash-and-carry, peddler, and Federal Government. Since some routes, particularly for the smaller distributors and some of the peddlers, were probably "combination" routes, it seems likely that all sales were not properly classified as to type of trade. However, this factor is so small that it does not appear to have had any significant effect upon the overall results.

Users of these data should note that the survey summaries do not include all sales of fluid milk in California. For the State as a whole, the sales as reported in the summaries account for a sample of approximately 99.6 percent of all market whole milk and lowfat milk sales in California.

TABLE 67. REPORTED SALES OF MARKET WHOLE AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE AND CONTAINER CHARACTERISTICS, OCTOBER 1988

Container Size and Type	Type of Trade										Container Size and Type Total Sales	
	Wholesale		Retail		Cash-and-Carry		Peddler		Federal Government			
	(gallons)	(percent) 1/	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)
Bulk	1,009,546	2.1	115	0.2			245,706	2.6	303,373	36.6	1,558,740	2.7
Dispensing	914,978	1.9	115	0.2			238,946	2.5	300,015	36.2	1,454,054	2.5
Other 3/	94,568	0.2					6,760	2/	3,358	0.4	104,686	0.2
Ten-Quart	25,066	0.1	35	0.1	3,628	2.7	6,585	0.1			35,314	0.1
Gallon	27,564,584	58.0	3,626	6.2	68,024	51.4	5,001,656	53.1	294,882	35.6	32,932,772	56.8
Paper	2,223,035	4.7	477	0.8	14,034	10.6	421,219	4.5	107,584	13.0	2,766,349	4.8
Molded Plastic	25,341,549	53.3	3,149	5.4	53,990	40.8	4,580,437	48.7	187,298	22.6	30,166,423	52.0
Half Gallon	12,370,789	26.0	49,832	85.0	51,597	39.0	2,164,357	23.0	143,119	17.3	14,779,694	25.5
Glass	5,316	2/	25,408	43.4	19,131	14.4	7,399	0.1			57,254	0.1
Paper	9,995,694	21.0	23,278	39.7	23,200	17.5	1,774,159	18.8	141,250	17.0	11,957,581	20.6
Molded Plastic	2,369,779	5.0	1,146	2.0	9,266	7.0	382,799	4.1	1,869	0.2	2,764,859	4.8
Quart	2,480,432	5.2	3,685	6.3	4,546	3.4	401,955	4.3	15,355	1.9	2,905,973	5.0
Glass	49,145	2/	3,099	5.3	2,886	2.2	11,144	0.1			66,274	2/
Paper	2,229,193	4.7	586	1.0	1,142	0.9	390,811	4.2	15,355	1.9	2,637,087	4.5
Molded Plastic	202,094	2/			518	0.4					202,612	2/
Pint	1,089,043	2.3	305	0.5	3,278	2.5	330,780	3.5	9,240	1.1	1,432,646	2.5
One-Third Quart	787,101	1.7	442	0.8	1,285	1.0	262,003	2.8	15,452	1.9	1,066,283	1.8
Half-Pint	2,201,203	4.6	558	1.0	52	2/	1,001,222	10.6	47,924	5.8	3,250,959	5.6
Type of Trade Total Sales	47,527,764	100.0	58,598	100.0	132,410	100.0	9,414,264	100.0	829,345	100.0	57,962,381	100.0

1/ All calculated percentages reflect rounding, therefore the addition of percentages for Types of Trade may not sum to 100 percent.

2/ Calculated percentage is either less than or equal to 0.05 percent.

3/ Includes 52,464 gallons sold in 4 to 10 ounce containers.

PLANTS REPORTING SALES OF FLUID MARKET MILK

The number of plants reporting sales of fluid market milk during the month of December by county of plant location for the years 1978 through 1988 is shown in Table 68. During this ten-year period, the number of plants has decreased from 112 in 1978 to 59 in 1988, a decline of 47.3 percent.

TABLE 68. NUMBER OF PLANTS IN CALIFORNIA REPORTING SALES OF FLUID MARKET MILK DURING DECEMBER, BY COUNTIES OF PLANT LOCATION, 1978-1988

COUNTY	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
NORTH COAST											
DEL NORTE	1	1	1	1	1	1	1	1	1	1	1
HUMBOLDT	2	2	2	2	2	2	2	1	1	1	1
MENDOCINO	2	2	1	1	1	1	1	1			
NORTH CENTRAL											
SHASTA	2	2	2	2	2	2	2	2	3	2	2
SISKIYOU	1	1	1	1	1	1	1	1	1	1	1
TRINITY											
NORTH EAST											
LASSEN											
MODOC											
PLUMAS											
CENTRAL COAST											
ALAMEDA	7	7	7	7	7	7	7	6	6	7	5
CONTRA COSTA	3	3	1	1	1	1	1	2	2	1	1
LAKE											
MARIN											
MONTEREY	2	2	2	2	2	1	1	1	1	1	1
NAPA	1	1	1	1	1	1	1	1			
SAN BENITO											
SAN FRANCISCO	1	1	1	1	1	1	1				
SAN LUIS OBISPO	2	2	2	2	2	2	1	1	1	1	1
SAN MATEO	1										
SANTA CLARA	5	5	3	3	3	2	2	2	2	2	2
SANTA CRUZ	1	1	1								
SONOMA	6	6	5	4	4	4	3	3	3	2	1
SACRAMENTO VALLEY											
BUTTE	1	1	1	1	1	1					
COLUSA											
GLENN											
SACRAMENTO	5	5	5	5	5	6	5	5	4	4	4
SOLANO						1	1	1	1	1	1
SUTTER											
TEHAMA											
YOLO											
YUBA											
SAN JOAQUIN VALLEY											
FRESNO	5	5	5	5	5	5	4	4	4	4	4
KERN	3	3	3	3	3	3	3	3	2	2	2
KINGS											
MADERA											
MERCED							1	1	1	1	1
SAN JOAQUIN	2	2	1	1	1	1	1	1	1	1	1
STANISLAUS	2	2	2	2	2	2	2	2	1	1	1
TULARE				1	1	1				1	1
SIERRA MOUNTAIN											
ALPINE											
AMADOR											
CALAVERAS											
EL DORADO											
INYO											
MARIPOSA											
MONO											
NEVADA											
PLACER											
SIERRA											
TUOLUMNE											
SOUTHERN CALIFORNIA											
IMPERIAL											
LOS ANGELES	35	35	29	25	25	22	20	17	15	16	15
ORANGE	7	7	5	4	4	4	3	4	4	4	4
RIVERSIDE	5	5	4	4	4	4	4	4	4	3	2
SAN BERNARDINO	4	4	3	3	3	3	3	4	4	4	4
SAN DIEGO	5	5	5	5	5	5	5	3	2	2	2
SANTA BARBARA											
VENTURA	1	1	1	1	1	1	1	1	1	1	1
STATE TOTAL	112	111	94	88	88	85	77	72	65	64	59

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CALIFORNIA
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STATISTICS SERVICE

CALIFORNIA LIVESTOCK STATISTICS

1988

FOREWORD

The information contained in this bulletin is published to assist individuals in the livestock industry to plan and make operational decisions. Ranchers, farmers and businessmen need reliable and accurate statistical data as a base for their planning.

This bulletin contains a compilation of official estimates of livestock inventory, production, income, and related statistical information for cattle and calves, sheep and-lambs and hogs. The 1987 and earlier figures are revised; the 1988 figures are generally preliminary. The data contained herein supercedes any previous bulletins.

One of the primary functions of the California Agricultural Statistics Service is the preparation and release of data useful to agriculture. This office is one of 45 State Statistical offices of the National Agricultural Statistics Service, which is part of the United States Department of Agriculture. The California office operates under a cooperative agreement with the California Department of Food and Agriculture. As part of a Federal Agency, our functions are correlated with the National programs to provide uniform statistics regarding agriculture for the Nation. As a State service, this office develops information to fulfill local needs in the form of county estimates.

We appreciate the voluntary cooperation of ranchers, farmers and agri-businessmen in the gathering of data for our publications. Their faithful involvement in this data gathering effort is deeply appreciated; we extend our sincere thanks.

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JUNE 1989

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TABLE 1 — California's livestock ranking, 1988

Commodity	Unit	CALIFORNIA		LEADING STATE		United States Total
		Rank	Number	State	Number	
ALL CATTLE & CALVES						
Cattle Operations 1/	Number	18	33,000	Texas	144,000	1,370,640
Inventory 2/	1,000 Head	5	4,700	Texas	13,700	99,484
Calf Crop	1,000 Head	5	1,850	Texas	5,250	40,872
BEEF CATTLE & CALVES						
Beef Cow operations 1/	Number	18	20,000	Texas	127,000	974,930
Inventory 2/	1,000 Head	13	925	Texas	5,445	33,669
Beef Production	1,000 Lbs.	5	2,093,710	Texas	5,763,400	40,897,874
Value of Beef Production	1,000 Dol.	6	1,305,689	Texas	3,884,628	27,426,021
MILK COWS & CALVES						
Milk Cow Operations 1/	Number	13	4,900	Wisconsin	36,000	220,800
Inventory 2/	1,000 Head	2	1,025	Wisconsin	1,740	10,217
Milk Production	1,000 Lbs.	2	18,679	Wisconsin	25,400	145,527
Value of Milk Production	1,000 Dol.	2	2,087	Wisconsin	3,041	17,947
SHEEP & LAMBS						
Number of Operations 1/	Number	4	6,500	Iowa	12,000	115,490
Inventory 2/	1,000 Head	2	940	Texas	1,900	10,802
Lamb Crop	1,000 Head	2	590	Texas	950	7,123
Lamb & Mutton Production	1,000 Lbs.	2	73,509	Texas	94,768	703,249
Value of Meat Production	1,000 Dol.	2	53,091	Texas	54,412	418,550
Wool Production	1,000 Lbs.	3	7,103	Texas	18,200	89,235
Value of Wool Production	1,000 Dol.	3	10,157	Texas	35,854	124,644
HOGS & PIGS						
Number of Operations 1/	Number	23	5,100	Iowa	41,000	333,500
Inventory 3/	1,000 Head	31	120	Iowa	13,900	55,299
Pig Crop	1,000 Head	30	223	Iowa	22,467	92,566
Production	1,000 Lbs.	32	36,959	Iowa	5,500,958	21,630,015
Value of Production	1,000 Dol.	32	17,401	Iowa	2,356,126	9,128,050
BEES & HONEY						
Number of Colonies	1,000 Col.	1	520	California	520	3,186
Yield Per Colony	Pounds	36	40	Hawaii	179	66
Honey Production	1,000 Lbs.	2	20,800	Florida	25,200	211,511
Value of Honey Production	1,000 Dol.	2	9,984	Florida	12,852	107,161

1/ Number of operations with one or more head; may not be a farm.
2/ Inventory as of January 1, 1989.
3/ Inventory as of December 31, 1988.

TABLE 2 — Cash receipts from farm marketings of livestock and poultry commodities, California, 1984-88

Commodity	1984	1985	1986	1987	1988
	1,000 Dollars				
Cattle and Calves	1,463,485	1,251,989	1,319,211	1,331,433	1,613,819
Sheep and Lambs	51,209	51,771	57,830	78,237	66,547
Hogs and Pigs 1/	26,811	22,142	28,134	31,680	22,146
Wool	7,599	5,448	5,431	6,300	10,157
Turkeys 1/2/	178,162	204,672	208,926	180,081	200,340
Farm Chickens 1/2/	8,095	7,372	7,673	5,580	3,996
Comrl. Broilers & Fryers 1/2/	296,894	274,495	312,736	341,053	339,094
Chicken Eggs 1/2/	409,313	335,500	347,362	307,548	297,786
Dairy Products 3/	1,988,008	2,078,402	2,058,008	2,082,883	2,080,739
Honey	N/A	N/A	14,602	8,085	9,984
Other Livestock & Poultry	99,201	92,431	75,400	53,078	59,163
TOTAL	4,528,777	4,324,222	4,435,313	4,425,958	4,703,771

1/ Marketings ending December 1.
2/ Cash receipts include value of home consumption.
3/ Milk and cream cash receipts. Does not include value of home consumption.

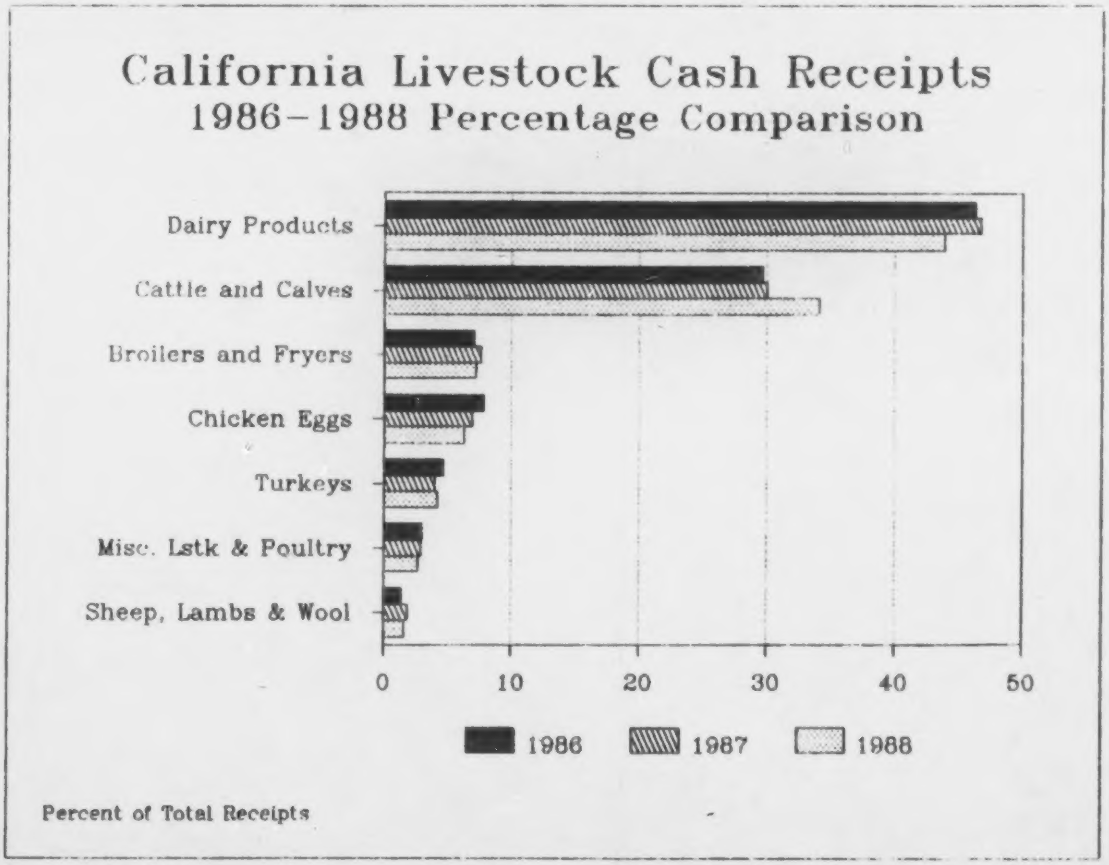

TABLE 3 — Livestock production and income, California, 1984-88

Specie	Year	Production 1/	Marketings 2/	Average Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
		- - 1,000 Pounds - -		- Dollars -		- - - - 1,000 Dollars - - - -			
Total Meat Animals	1984	2,029,620	2,864,716	—	—	1,092,899	1,541,505	32,151	1,573,656
	1985	1,867,015	2,685,850	—	—	928,251	1,325,902	22,181	1,348,083
	1986	1,915,093	2,961,041	—	—	914,082	1,405,175	22,937	1,428,112
	1987	1,940,385	2,512,076	—	—	1,118,573	1,441,350	22,365	1,463,715
	1988	2,204,178	2,735,928	—	—	1,376,181	1,702,512	26,518	1,729,030
				(CATTLE)	(CALVES)				
Cattle and Calves	1984	1,896,490	2,717,500	53.80	56.30	1,021,120	1,463,485	27,561	1,491,046
	1985	1,743,060	2,556,400	48.80	55.80	855,915	1,251,989	17,513	1,269,502
	1986	1,783,050	2,814,100	46.70	53.70	836,650	1,319,211	18,302	1,337,513
	1987	1,802,580	2,349,400	56.30	71.60	1,025,363	1,331,433	18,819	1,350,252
	1988	2,093,710	2,591,000	61.80	82.70	1,305,689	1,613,819	23,406	1,637,225
				(SHEEP)	(LAMBS)				
Sheep and Lambs	1984	78,520	93,344	17.40	59.70	44,694	51,209	2,327	53,536
	1985	73,145	82,708	23.10	68.30	48,343	51,771	2,405	54,176
	1986	73,668	93,115	23.20	68.60	46,988	57,830	2,114	59,944
	1987	83,260	108,114	25.10	74.90	61,598	78,237	1,305	79,542
	1988	73,509	98,228	23.60	70.30	53,091	66,547	990	67,537
Hogs and Pigs	1984	54,610	53,872	49.70	—	27,085	26,811	2,263	29,074
	1985	50,810	46,742	47.30	—	23,993	22,142	2,263	24,405
	1986	58,375	53,826	52.20	—	30,444	28,134	2,521	30,655
	1987	54,545	54,562	58.00	—	31,612	31,680	2,241	33,921
	1988	36,959	46,700	47.00	—	17,401	22,146	2,122	24,268

1/ Adjustments made for changes in inventory and for inshipments.
2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
3/ Receipts from marketing and sale of farm slaughter.

TABLE 4 — Livestock on farms and ranches, January 1, California, 1985-89

Year	All Cattle & Calves	Beef Cows & Heifers Calved	Milk Cows & Heifers Calved	Stock Sheep	Sheep & Lambs on Feed	All Hogs 1/
	- - - - - - - 1,000 Head - - - - - - - - -					
1985	4,960	1,011	974	870	195	140
1986	5,000	950	1,030	860	205	145
1987	4,750	950	990	795	185	150
1988	4,650	915	1,005	800	190	130
1989	4,700	925	1,025	780	160	120

1/ December 1 preceding year.

TABLE 5 — All livestock on farms, United States, January 1, 1989

State and Region	Cattle and Calves			Stock Sheep and Lambs	All Hogs 1/	Livestock on Feed	
	All	Cows and Heifers That Have Calved Beef	Milk			Cattle & Calves 2/	Sheep & Lambs 3/
	1,000 Head						
Alabama	1,800	901	39	—	345	40	—
Alaska	9.2	2.5	1.9	2.7	.6	—	—
Arizona	880	263	92	239	130	275	45
Arkansas	1,750	932	68	—	540	12	—
CALIFORNIA	4,700	925	1,025	780	120	485	160
Colorado	2,750	775	75	445	220	885	380
Connecticut	73	5	35	8.4	6.8	—	—
Delaware	29	3	9	—	33	—	—
Florida	2,025	1,148	182	—	140	15	—
Georgia	1,500	700	104	—	1,210	15	—
Hawaii	208	77	12	—	43	23	—
Idaho	1,620	520	170	277	80	238	10
Illinois	1,950	520	200	126	5,600	340	14
Indiana	1,290	350	180	86	4,300	230	9
Iowa	4,750	1,265	310	350	13,900	640	65
Kansas	5,900	1,450	104	164	1,500	1,460	98
Kentucky	2,500	1,060	215	32	1,090	25	—
Louisiana	1,075	582	88	17	60	9	—
Maine	105	9	43	15	8	—	—
Maryland	328	60	109	35	170	12	—
Massachusetts	70	10	30	14	31	—	—
Michigan	1,225	125	345	89	1,250	210	26
Minnesota	2,940	390	810	225	4,690	310	38
Mississippi	1,390	712	68	—	237	12	—
Missouri	4,500	2,004	226	109	2,850	95	16
Montana	2,350	1,324	25	538	245	90	30
Nebraska	5,400	1,697	103	119	4,050	1,950	50
Nevada	490	231	19	85	15	29	2
New Hampshire	55	6	21	11	9.1	—	—
New Jersey	75	11	30	15	38	3	—
New Mexico	1,350	578	63	485	26	130	31
New York	1,584	102	811	81	151	19	—
North Carolina	850	343	107	13	2,700	23	—
North Dakota	1,600	832	88	143	340	40	21
Ohio	1,760	385	367	200	2,210	200	46
Oklahoma	5,200	1,893	107	120	240	305	16
Oregon	1,390	573	94	350	100	91	125
Pennsylvania	1,920	216	719	134	970	75	—
Rhode Island	6.0	0.8	2.4	—	5.9	—	—
South Carolina	610	286	41	—	450	20	—
South Dakota	3,480	1,506	144	520	1,760	260	70
Tennessee	2,300	1,038	202	10	1,050	20	—
Texas	13,700	5,445	355	1,730	560	2,070	170
Utah	770	315	74	480	33	48	23
Vermont	297	12	170	17	6.0	—	—
Virginia	1,670	663	142	115	400	40	43
Washington	1,300	359	216	74	53	190	—
West Virginia	500	245	26	82	37	10	—
Wisconsin	4,130	150	1,740	76	1,275	100	8
Wyoming	1,330	670	10	720	21	109	117
UNITED STATES 4/	99,484	33,669	10,217	9,189	55,299	11,160	1,613

1/ December 1 preceding year.
2/ Included in All Cattle and Calves.
3/ Not included in Stock Sheep
4/ Includes unpublished states.

TABLE 6—Cattle inventory, supply and disposition, California, 1984-88 1/

Year	Beginning Inventory January 1	Calf Crop	Inshipments	Total Supply	Marketings 2/		Farm Slaughter Cattle & Calves 3/	Deaths		Ending Inventory January 1 (Following Yr)
					Cattle	Calves		Cattle	Calves	
	1,000 Head									
1984	5,000	1,740	1,230	7,970	2,438	295	27	95	155	4,960
1985	4,960	1,700	1,200	7,860	2,274	320	26	75	165	5,000
1986	5,000	1,710	1,220	7,930	2,504	360	26	100	190	4,750
1987	4,750	1,710	846	7,306	2,093	286	25	90	162	4,650
1988	4,650	1,850	867	7,367	2,119	303	25	80	140	4,700

1/ Balance sheet estimates: The sum of inventory at beginning of year (January 1), births, and inshipments is equal to the sum of marketings, farm slaughter, deaths, and end-of-year inventory.

2/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

3/ Excludes custom slaughter for farms at commercial establishments.

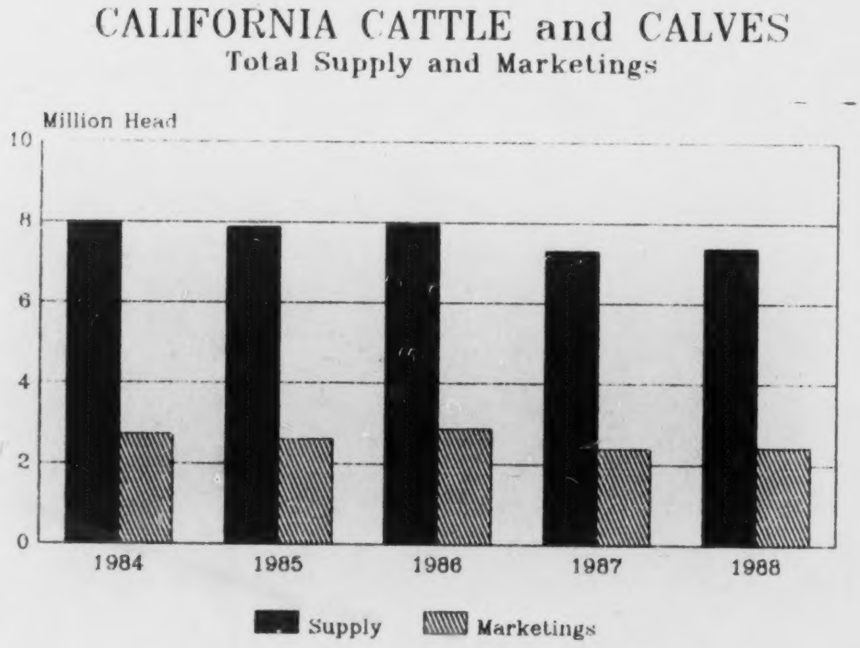

TABLE 7 —Cattle on farms, California, January 1, 1985-89

Year	Cows That Have Calved			Heifer Replacements				Other Cattle			
	Beef	Dairy	All	Beef	Dairy	All	Other Heifers	Calves Under 500 Lbs.	Bulls 500 Lbs. & Over	Steers 500 Lbs. & Over	Total Cattle
	1,000 Head										
1985	1,011	974	1,985	195	470	665	240	1,114	80	876	4,960
1986	950	1,030	1,980	165	490	655	195	1,150	70	950	5,000
1987	950	990	1,940	155	470	625	185	1,100	70	830	4,750
1988	915	1,005	1,920	155	475	630	160	1,020	70	850	4,650
1989	925	1,025	1,950	145	485	630	190	1,005	70	855	4,700

TABLE 8 — Calf crop and death losses, California, 1984-88

Year	Cows That Have Calved January 1	Calf Crop	Deaths All Cattle & Calves
	1,000 Head		
1984	1,970	1,740	250
1985	1,985	1,700	240
1986	1,980	1,710	290
1987	1,940	1,710	252
1988	1,920	1,850	220

TABLE 9 — Cattle and calves slaughtered under Federal and State inspection, California, 1984-88

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
	1,000 Head												
CATTLE													
1984	138	138	145	139	156	154	153	168	134	157	126	127	1,736
1985	147	124	127	130	151	140	153	143	127	134	112	120	1,608
1986	131	104	112	127	136	134	145	133	128	135	109	126	1,521
1987	120	97	107	114	107	122	124	114	106	109	98	110	1,328
1988	105	100	110	100	102	108	103	111	94	95	93	95	1,215
CALVES													
1984	23	24	24	22	23	21	23	23	20	22	21	21	267
1985	25	22	23	22	24	20	27	25	24	25	24	28	288
1986	26	27	28	30	31	30	30	24	25	24	21	26	325
1987	26	24	28	23	22	24	24	22	21	18	19	21	272
1988	19	18	19	16	14	13	14	15	13	11	10	12	174

1/ Totals may not equal sum of parts due to rounding.

TABLE 10 — Cattle and calves in feedlots, by districts, California, 1988-89

Month and Year	Sacramento Vly, North Coast & Central Coast	San Joaquin Valley Less Kern County	So. California + Kern — Less Imperial Valley	Imperial Valley	State Total
	1,000 Head				
1988					
Jan. 1	7.0	140.0	32.0	256.0	435.0
Feb. 1	5.5	124.6	29.3	255.6	415.0
Mar. 1	4.1	108.6	32.9	244.4	390.0
Apr. 1	4.8	94.4	31.1	244.7	375.0
May 1	5.6	127.7	25.4	251.3	410.0
Jun. 1	7.8	155.0	29.2	238.0	430.0
Jul. 1	12.3	172.7	28.8	241.2	455.0
Aug. 1	12.5	172.3	29.3	235.9	450.0
Sep. 1	15.4	174.5	26.7	283.4	500.0
Oct. 1	35.8	182.9	27.3	284.0	530.0
Nov. 1	40.9	174.4	41.6	293.1	550.0
Dec. 1	40.7	169.3	56.0	284.0	550.0
1989					
Jan. 1	38.8	132.1	28.1	286.0	485.0
Feb. 1	29.4	117.4	24.9	253.3	425.0
Mar. 1	20.1	98.7	23.4	262.8	405.0
Apr. 1	16.3	89.6	22.9	261.2	390.0
May 1	14.6	89.3	23.3	247.8	375.0

TABLE 11 — Cattle and calves marketed from feedlots, California, 1985-89

Year	January-March	April-June	July-September	October-December	Total
	1,000 Head				
1985	257	257	290	245	1,049
1986	203	190	220	226	839
1987	185	160	200	220	765
1988	205	200	210	235	850
1989	240				

TABLE 12 — Cattle operations and inventory, percentage by size groups, 1986-87*

State	1 - 99 Head				100 - 499 Head				500+ Head			
	Operations		Inventory		Operations		Inventory		Operations		Inventory	
	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
	Percent											
California	80.6	80.0	8.4	8.5	13.2	13.6	23.2	24.4	6.2	6.4	68.4	67.1
Iowa	75.4	73.8	32.9	30.4	23.3	24.9	51.6	52.2	1.3	1.3	15.5	17.4
Kansas	70.9	70.9	19.8	19.2	25.5	26.3	36.1	37.0	3.6	2.8	44.1	43.8
Missouri	85.4	85.3	47.8	48.0	14.1	14.2	45.7	44.0	0.5	0.5	6.5	8.0
Nebraska	61.4	60.9	14.5	14.0	32.9	33.3	38.5	37.5	5.7	5.8	47.0	48.5
Oklahoma	79.7	79.7	29.0	30.0	18.4	18.4	44.5	43.1	1.9	1.9	26.5	26.9
South Dakota	52.4	50.0	14.8	14.0	42.8	45.0	57.3	57.0	4.8	5.0	27.9	29.0
Texas	85.0	85.1	25.4	25.6	12.5	12.4	28.0	27.0	2.5	2.5	46.6	47.4
Wisconsin	77.4	77.3	46.2	45.6	22.6	22.7	51.2	51.3	1/	1/	2.6	3.1
United States	83.6	83.4	31.3	30.7	14.	15.0	39.2	39.2	1.6	.6	29.5	30.1

1/ Combined with other size groups.
988 estimates available July 28, 1989.

TABLE 13 — Range condition in percent, California, 1984-88 1/

Year	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Percent									
1984	84	80	80	82	79	81	81	82	89	82
1985	79	83	78	78	78	76	77	80	83	79
1986	2/	96	94	90	89	89	89	88	2/	91
1987	2/	69	72	74	70	69	70	66	2/	70
1988	2/	63	69	68	67	64	66	62	2/	66

1/ Equivalent of reported conditions: 35-49 severe drought, 50-64 very poor, 65-79 poor to fair, 80+ good to excellent,

2/ Not available.

NOTE: Figures relate to condition about the first of the month.

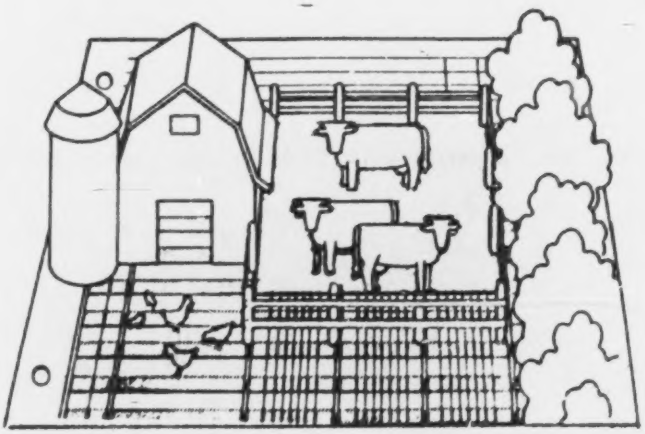

TABLE 14 — Milk cow operations and inventory, percentage by size groups, 1986-87, selected states*

State	1 - 49 Head				50 - 99 Head				100+ Head			
	Operations		Inventory		Operations		Inventory		Operations		Inventory	
	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
	Percent											
California	57.8	55.0	1.0	.9	6.9	7.0	2.7	2.8	35.3	38.0	96.3	96.3
Iowa	78.0	71.6	50.9	41.8	20.0	26.3	40.3	48.8	2.0	2.1	8.8	9.4
Michigan	62.5	57.1	24.8	20.9	25.0	28.6	36.0	37.2	12.5	14.3	39.2	41.9
Minnesota	68.1	67.4	45.6	46.9	29.0	28.9	42.1	40.7	2.9	3.7	12.3	12.4
New York	54.4	52.4	24.6	24.9	33.6	34.5	41.5	40.7	12.0	13.1	33.9	34.4
Ohio	67.9	69.3	34.6	34.8	26.4	23.8	45.9	41.3	5.7	6.9	19.5	23.9
Pennsylvania	66.7	65.9	39.3	39.0	27.2	27.6	39.1	39.0	6.1	6.5	21.6	22.0
Wisconsin	65.1	63.5	43.2	41.9	30.0	31.1	43.0	42.5	4.9	5.4	13.8	15.6
United States	70.0	68.6	28.4	27.3	22.1	22.7	33.9	33.2	7.9	8.7	37.7	39.5

* 1988 estimates available July 28, 1989.

TABLE 15 — Farms and livestock operations, California, 1984-88 1/

Year	All Farms 2/	Cattle Operations 3/	Milk Cow Operations	Sheep & Lamb Operations	Hog Operations
	Number				
1984	78,000	35,000	5,300	6,000	5,500
1985	79,000	34,000	5,200	6,000	5,000
1986	79,000	34,000	5,100	6,200	5,000
1987	78,000	33,000	5,000	6,000	5,000
1988	78,000	33,000	4,900	6,500	5,100

1/ An operation is any place having one or more head of the species on hand at any time during the year and may not qualify as a farm.

2/ Definition of farm: Places with annual sales of agricultural products of $1,000 or more.

3/ Includes milk cow operations.

TABLE 16 — Milk cows, milk production, and milk price, California, 1984-88

Year	Milk Cows and Heifers Calved		Annual Production per Milk Cow		Total Annual Production on Farms		Wholesale Price
	January 1	Average During Year	Milk	Milk Fat	Milk	Milk Fat	Milk
	1,000 Head		Pounds		Million Pounds		$/Cwt.
1984	962	967	15,821	563	15,299	544	12.85
1985	974	1,004	16,701	610	16,768	612	12.18
1986	1,030	1,013	17,019	618	17,240	626	11.77
1987	990	998	17,966	652	17,930	651	11.43
1988	1,005	1,015	18,403	674	18,679	684	10.94
1989	1,025	—	—	—	—	—	—

TABLE 17 — Beef cattle average prices received by farmers, California, 1984-88

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
	Dollars Per Cwt.												
	ALL BEEF CATTLE												
1984	53.20	55.00	55.80	56.50	54.30	52.80	53.10	54.50	52.40	52.40	52.50	52.70	53.80
1985	51.30	53.90	51.60	48.40	50.20	48.80	46.80	45.90	44.40	46.90	48.30	50.10	48.80
1986	49.40	47.80	46.30	42.40	43.40	42.40	45.60	47.20	49.70	49.90	48.90	49.40	46.70
1987	50.50	52.80	53.80	55.50	57.10	56.60	56.50	57.50	60.00	58.20	56.00	59.30	56.30
1988	59.10	62.60	63.00	63.70	64.70	61.80	59.50	62.50	62.30	60.10	59.50	60.60	61.80
	BEEF STEERS AND HEIFERS												
1984	63.30	63.90	64.70	64.00	60.90	57.60	59.50	60.70	58.90	59.00	61.00	60.00	61.00
1985	61.20	61.70	58.20	55.50	56.20	54.40	52.70	52.30	50.80	55.00	57.00	60.20	56.00
1986	58.30	56.10	55.30	51.50	50.20	48.30	52.50	54.30	56.00	56.80	56.80	57.80	54.40
1987	56.90	60.50	61.20	64.20	66.40	65.80	63.90	65.50	67.70	67.50	64.90	67.30	64.50
1988	66.70	69.00	70.10	72.50	73.90	70.10	67.50	70.60	71.20	70.60	72.00	70.80	70.40
	BEEF COWS 1/												
1984	38.30	40.20	42.20	42.50	40.30	40.00	40.00	40.20	38.70	37.20	35.60	36.20	39.40
1985	38.90	41.60	42.50	40.00	38.50	37.20	36.50	35.00	34.70	33.20	32.80	33.80	37.00
1986	34.60	36.40	36.70	31.60	33.00	33.60	34.80	36.60	37.50	36.80	36.10	36.90	35.30
1987	40.00	42.50	44.30	44.20	43.40	43.40	44.00	44.80	46.20	45.00	44.60	45.70	44.00
1988	46.40	48.10	48.20	47.90	48.10	45.50	45.70	47.00	47.60	45.50	44.80	44.50	46.70

1/ Includes cull dairy cows sold for slaughter but not dairy cows for herd replacement.

TABLE 18 — Calves, average prices received by farmers, California, 1984-88

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
	Dollars Per Cwt.												
1984	58.40	57.90	57.70	59.00	55.40	55.10	56.30	53.80	55.20	55.90	56.30	55.80	56.30
1985	59.20	61.30	58.80	59.90	57.40	54.70	52.50	53.00	52.50	54.70	53.70	51.90	55.80
1986	53.60	53.20	53.80	50.40	49.60	50.10	51.30	52.70	56.20	58.20	55.90	56.40	53.70
1987	61.00	66.00	68.30	68.40	72.40	73.70	72.40	75.10	77.60	74.40	71.10	71.10	71.60
1988	79.80	85.40	86.80	84.70	85.20	78.10	76.30	82.60	84.90	82.20	84.30	83.10	82.70

TABLE 19 — Milk cows, average prices received by farmers, California, 1984-88 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
	Dollars Per Head												
1984	1,100	—	—	1,100	—	—	1,050	—	—	1,090	—	—	1,090
1985	1,090	—	—	1,100	—	—	1,060	—	—	980	—	—	1,060
1986	1,000	—	—	965	—	—	1,020	—	—	1,010	—	—	1,000
1987	1,050	—	—	1,090	—	—	1,120	—	—	1,160	—	—	1,110
1988	1,170	—	—	1,210	—	—	1,180	—	—	1,170	—	—	1,180

1/ Milk cows sold for dairy herd replacement only.

TABLE 20—Cattle and calves, number on farms by class, California 1988-1989

Counties	January 1							
			Cows and Heifers That Have Calved					
	All Cattle & Calves		Dairy		Beef		Total	
	1988 1/	1989 2/	1988	1989	1988	1989	1988	1989
	Number of Head							
Del Norte	9,100	11,000	2,400	2,300	1,200	1,000	3,600	3,300
Humboldt	70,700	72,000	16,500	16,700	24,800	23,900	41,300	40,600
Mendocino	26,200	28,000	1,100	1,300	13,200	13,100	14,300	14,400
	106,000	111,000	20,000	20,300	39,200	38,000	59,200	58,300
Shasta	53,500	50,500	1,650	1,550	15,800	17,000	17,450	18,550
Siskiyou	89,000	92,000	2,700	2,800	50,500	49,500	53,200	52,300
Trinity	2,500	3,500	50	50	1,500	2,000	1,550	2,050
	145,000	146,000	4,400	4,400	67,800	68,500	72,200	72,900
Lassen	81,000	100,000	250	250	48,000	54,000	48,250	54,250
Modoc	51,800	57,000	100	—	36,700	33,000	36,800	33,000
Plumas	20,200	18,000	50	50	12,300	13,000	12,350	13,050
	153,000	175,000	400	300	97,000	100,000	97,400	100,300
Alameda	29,400	25,000	—	—	12,300	11,500	12,300	11,500
Contra Costa	29,500	33,000	2,200	2,200	10,100	10,600	12,300	12,800
Lake	7,300	7,200	—	—	3,200	3,300	3,200	3,300
Marin	19,300	20,000	12,000	12,900	4,300	4,200	16,300	17,100
Monterey	179,000	170,000	3,000	3,700	48,100	46,000	51,100	49,700
Napa	8,100	9,000	1,000	1,100	3,800	4,000	4,800	5,100
San Benito	62,700	57,000	1,000	1,500	15,800	17,500	16,800	19,000
San Francisco	—	—	—	—	—	—	—	—
San Luis Obispo	121,000	110,000	1,400	1,300	47,000	53,000	48,400	54,300
San Mateo	6,100	6,000	—	—	3,200	2,500	3,200	2,500
Santa Clara	63,700	53,000	4,000	4,000	16,400	14,600	20,400	18,600
Santa Cruz	3,900	2,800	400	400	1,000	1,200	1,400	1,600
Sonoma	114,000	125,000	33,500	37,500	16,800	17,600	50,300	55,100
	644,000	618,000	58,500	64,600	182,000	186,000	240,500	250,600
Butte	27,300	29,000	1,200	1,400	9,900	10,000	11,100	11,400
Colusa	22,200	23,500	650	700	13,300	14,500	13,950	15,200
Glenn	51,500	55,000	12,100	13,200	12,300	12,800	24,400	26,000
Sacramento	109,000	130,000	21,000	27,000	27,700	29,700	48,700	56,700
Solano	34,900	33,000	1,100	1,500	12,800	12,000	13,900	13,500
Sutter	11,000	12,500	850	1,500	3,800	4,400	4,650	5,900
Tehama	53,100	56,000	3,400	3,300	30,800	32,000	34,200	35,300
Yolo	15,100	16,000	700	900	6,200	6,600	6,900	7,500
Yuba	39,900	45,000	1,500	1,500	6,200	6,000	7,700	7,500
	364,000	400,000	42,500	51,000	123,000	128,000	165,500	179,000
Fresno	354,000	374,000	50,000	50,000	37,800	38,000	87,800	88,000
Kern	212,000	196,000	17,000	17,000	51,000	50,000	68,000	67,000
Kings	202,000	203,000	70,000	71,000	3,000	3,500	73,000	74,500
Madera	101,000	98,000	19,000	20,000	15,300	17,000	34,300	37,000
Merced	323,000	316,000	100,000	100,000	40,900	40,000	140,900	140,000
San Joaquin	253,000	241,000	62,000	63,000	34,200	33,000	96,200	96,000
Stanislaus	293,000	281,000	100,000	106,000	33,700	34,000	133,700	140,000
Tulare	333,000	342,000	153,000	165,000	30,100	31,500	183,100	196,500
	2,071,000	2,051,000	571,000	592,000	246,000	247,000	817,000	839,000
Alpine	7,900	7,800	—	—	1,900	2,000	1,900	2,000
Amador	16,200	19,500	100	50	7,100	7,600	7,200	7,650
Calaveras	30,300	28,500	50	50	14,300	14,200	14,350	14,250
El Dorado	15,200	16,500	150	100	9,000	9,400	9,150	9,500
Inyo	19,800	23,000	50	50	10,700	10,700	10,750	10,750
Mariposa	23,200	25,000	100	50	13,300	13,600	13,400	13,650
Mono	5,100	7,000	—	—	2,400	2,400	2,400	2,400
Nevada	5,500	6,500	—	—	3,500	4,000	3,500	4,000
Placer	26,300	28,000	700	1,000	12,300	13,600	13,000	14,600
Sierra	8,800	10,700	—	50	4,800	5,500	4,800	5,550
Tuolumne	15,700	16,500	50	50	7,700	8,500	7,750	8,550
	174,000	189,000	1,200	1,400	87,000	91,500	88,200	92,900
Imperial	259,000	290,000	500	400	2,600	2,000	3,100	2,400
Los Angeles	35,000	35,000	3,000	3,600	3,100	3,000	6,100	6,600
Orange	10,100	9,000	—	—	5,100	4,800	5,100	4,800
Riverside	190,000	181,000	103,000	103,000	2,600	2,500	105,600	105,500
San Bernardino	319,000	318,000	181,000	164,000	5,600	5,400	186,600	169,400
San Diego	54,000	49,000	13,000	13,200	10,200	8,300	23,200	21,500
Santa Barbara	110,000	109,000	4,000	4,200	35,500	33,000	39,500	37,200
Ventura	15,900	19,000	2,500	2,600	8,300	7,000	10,800	9,600
	993,000	1,010,000	307,000	291,000	73,000	66,000	380,000	357,000
STATE	4,650,000	4,700,000	1,005,000	1,025,000	915,000	925,000	1,920,000	1,950,000

1/ Includes 435,000 cattle in feedlots being finished for slaughter market.
2/ Includes 485,000 cattle in feedlots being finished for slaughter market.

TABLE 21—Sheep and lambs inventory, supply, and disposition, California, 1984-88 1/

Year	Beginning Inventory January 1	Lamb Crop	Inshipments	Total Supply	Marketings 2/		Farm Slaughter	Deaths		Ending Inventory January 1 (Following Yr)
					Sheep	Lambs		Sheep	Lambs	
	1,000 Head									
1984	1,115	720	191	2,026	89	737	23	37	75	1,065
1985	1,065	690	165	1,920	87	629	25	44	70	1,065
1986	1,065	630	198	1,893	111	685	24	43	50	980
1987	980	625	403	2,008	45	843	13	57	60	990
1988	990	590	231	1,811	41	745	10	37	38	940

1/ Balance sheet estimates: The sum of inventory at beginning of year (January 1), lamb crop, and inshipments is equal to the sum of marketings, farm slaughter, deaths, and end-of-year inventory.

2/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

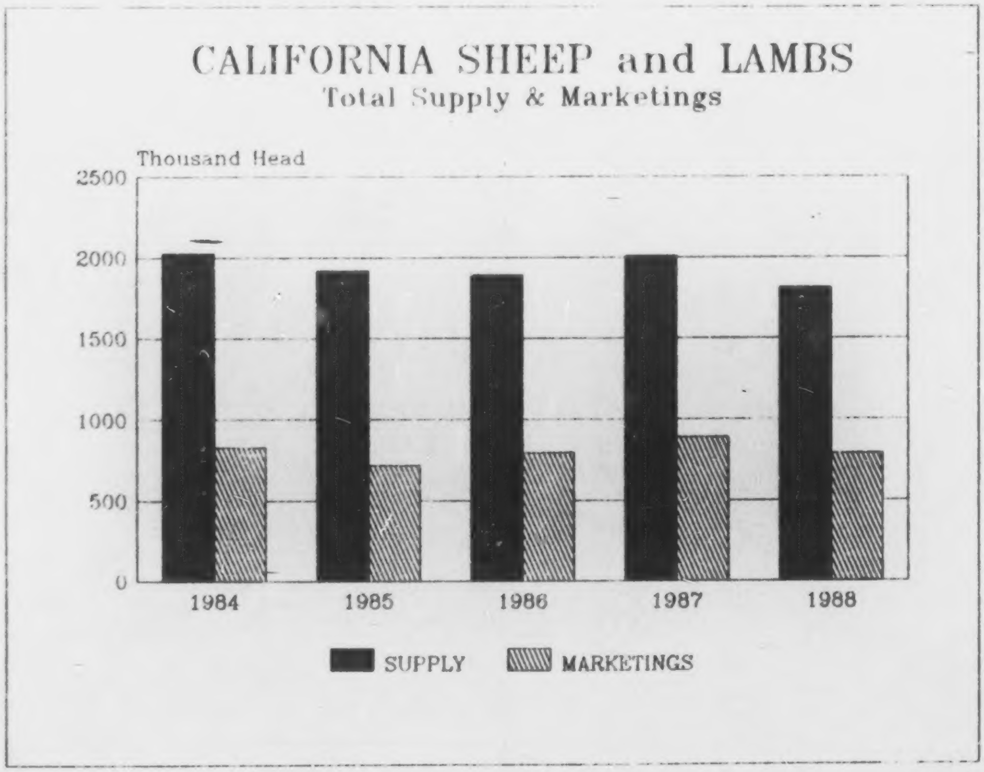

TABLE 22—Sheep and lambs on farms January 1, California, 1985-89

Year	All Sheep	On Feed For Market	Stock Sheep Total	Ewes 1 Yr. +	Ewe Lambs	Wethers & Ram Lambs	Wethers & Rams 1 Yr.+
	1,000 Head						
1985	1,065	195	870	770	63	15	22
1986	1,065	205	860	725	89	23	23
1987	980	185	795	685	69	16	25
1988	990	190	800	685	75	15	25
1989	940	160	780	632	100	24	24

TABLE 23—Ewes on farms and lambs docked, California, 1985-89

Year	Ewes 1 Yr. + January 1	Lambs Docked	Lambs Docked as % of Ewes 1 Yr. +
	1,000 Head	1,000 Head	Percent
1985	770	690	90
1986	725	630	87
1987	685	625	91
1988	685	590	86
1989	632	—	—

TABLE 24—Sheep and lambs shorn, wool production and wool value California, 1984-88

Year	Sheep and Lambs Shorn	Wool Produced Per Animal	Wool Produced Total	Wool Value Per Pound
	1,000 Head	Pounds	1,000 Pounds	Dollars
1984	1,277	7.3	9,382	.810
1985	1,133	7.6	8,647	.630
1986	1,088	7.6	8,229	.660
1987	1,020	7.1	7,241	.870
1988	955	7.4	7,103	1.430

TABLE 25 -- Sheep and lambs slaughtered under Federal and State inspection, California, 1984-88

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
							1,000 Head						
1984	110	122	140	128	128	120	106	120	104	120	107	97	1,402
1985	105	101	124	106	130	96	96	98	84	87	73	74	1,173
1986	75	77	95	100	84	66	72	74	74	60	46	55	877
1987	64	75	69	80	70	73	83	72	81	76	66	74	883
1988	66	75	86	69	69	71	66	70	59	54	55	46	785

1/ Totals may not equal sum of parts due to rounding.

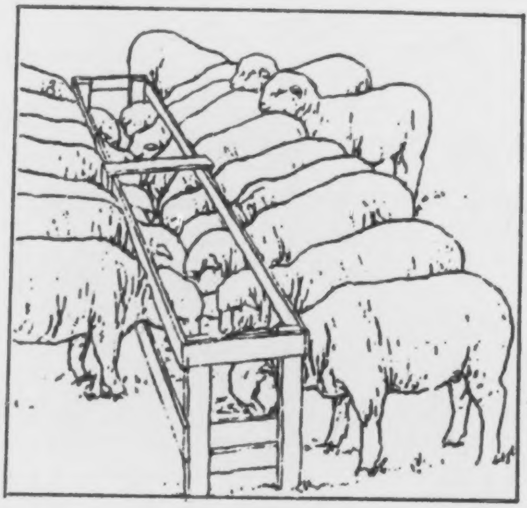

TABLE 26 — Sheep and Lambs, average prices received by farmers, California 1984-88

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
							Dollars Per Cwt.						
							SHEEP						
1984	19.80	21.70	18.30	17.70	15.80	16.30	15.70	17.80	15.80	16.20	20.50	18.90	17.40
1985	19.90	21.90	27.70	29.60	21.00	22.10	23.80	25.20	22.80	18.50	19.40	23.30	23.10
1986	30.00	24.70	23.60	22.20	19.20	23.60	24.90	23.30	22.90	22.30	21.10	23.40	23.20
1987	24.30	25.40	25.30	24.40	22.40	21.90	24.10	26.10	24.70	25.80	29.60	32.70	25.10
1988	34.40	27.70	30.60	21.50	19.20	20.40	27.60	21.40	19.70	19.30	19.00	20.90	23.60
							LAMBS						
1984	60.60	60.00	59.60	61.30	58.90	56.70	58.60	59.10	60.00	60.80	60.90	60.20	59.70
1985	62.40	64.50	65.00	69.00	73.80	70.40	68.10	70.50	71.10	69.10	66.40	66.90	68.30
1986	64.30	65.00	64.30	65.10	72.80	74.00	71.60	70.30	66.80	64.50	75.80	72.50	68.60
1987	73.50	73.80	76.00	80.00	85.60	84.10	78.20	76.50	71.90	63.30	59.90	67.00	74.90
1988	75.70	82.50	74.60	81.00	77.30	51.30	57.30	58.10	61.80	63.80	65.50	67.10	70.30

TABLE 27 — SHEEP COUNTY ESTIMATES: Number of Head, January 1, California, 1985-89

Counties	Stock Sheep and Lambs				
	1985	1986	1987	1988	1989
	Number of Head				
Del Norte	500	500	500	400	300
Humboldt	15,000	20,000	20,500	19,000	19,000
Mendocino	29,100	27,500	25,000	23,000	23,000
	44,600	48,000	46,000	42,400	42,300
Shasta	2,600	2,200	2,000	1,700	2,200
Siskiyou	7,400	6,600	6,800	6,900	6,200
Trinity	200	200	200	100	200
	10,200	9,000	9,000	8,700	8,600
Lassen	2,500	2,600	2,500	1,600	3,100
Modoc	12,500	12,700	14,700	11,000	8,000
Plumas	200	200	300	300	400
	15,200	15,500	17,500	12,900	11,500
Alameda	2,000	1,800	1,000	1,900	1,300
Contra Costa	200	200	200	300	300
Lake	2,000	2,100	1,800	1,700	1,600
Marin	9,500	9,800	11,000	11,000	12,000
Monterey	3,900	2,900	2,300	3,000	3,000
Napa	1,200	1,200	1,200	1,200	1,400
San Benito	1,200	900	600	800	900
San Francisco	—	—	—	—	—
San Luis Obispo	24,600	25,000	19,000	20,000	15,000
San Mateo	600	300	200	300	500
Santa Clara	3,100	2,300	2,400	1,500	4,200
Santa Cruz	600	500	300	300	300
Sonoma	29,100	26,000	27,000	25,000	26,000
	78,000	73,000	67,000	67,000	66,500
Butte	7,900	6,700	7,600	8,000	7,800
Colusa	10,100	11,800	14,600	14,000	12,000
Glenn	24,000	18,600	21,000	19,000	19,000
Sacramento	9,400	10,600	9,800	8,100	11,000
Solano	66,000	75,500	70,000	70,000	77,000
Sutter	33,300	38,000	40,000	32,000	25,000
Tehama	64,900	58,600	56,000	51,000	38,000
Yolo	20,900	19,200	16,000	18,000	22,000
Yuba	2,500	3,000	2,000	1,300	3,600
	239,000	242,000	237,000	221,400	215,400
Fresno	67,000	71,000	80,000	95,000	67,000
Kern	168,000	172,000	138,000	155,000	157,000
Kings	16,000	16,000	18,000	10,000	19,000
Madera	29,900	30,000	20,000	17,000	15,000
Merced	32,000	34,000	25,000	44,000	44,000
San Joaquin	27,900	24,000	21,000	25,000	29,000
Stanislaus	5,000	5,700	3,800	3,800	3,400
Tulare	2,200	2,300	2,200	3,100	1,800
	348,000	355,000	308,000	352,900	336,200
Alpine	100	100	100	—	—
Amador	1,600	1,800	1,600	1,500	1,200
Calaveras	1,500	1,300	1,200	1,100	1,200
El Dorado	1,700	1,900	1,500	1,500	1,400
Inyo	1,500	1,200	900	1,400	1,100
Mariposa	2,000	1,800	1,000	1,000	1,900
Mono	8,000	7,500	7,000	7,500	8,800
Nevada	1,100	1,500	900	1,000	1,000
Placer	11,200	11,000	11,000	12,000	15,000
Sierra	200	200	200	—	—
Tuolumne	1,100	1,200	1,100	1,200	800
	30,000	29,500	26,500	28,200	32,400
Imperial	29,900	23,000	27,000	11,000	200
Los Angeles	27,000	20,000	18,000	18,000	20,000
Orange	200	300	200	—	100
Riverside	21,100	22,500	21,000	12,000	22,000
San Bernardino	16,300	12,100	10,000	20,000	20,000
San Diego	1,000	1,200	1,000	1,000	1,200
Santa Barbara	7,500	7,000	6,400	4,000	3,400
Ventura	2,000	1,900	400	500	200
	105,000	88,000	84,000	66,500	67,100
STATE	870,000	860,000	795,000	800,000	780,000

TABLE 28—Hogs and pigs, inventory, supply, and disposition, California, 1984-88

Year	Beginning Inventory December 1 (Prev. Yr.)	Pig Crop		Inshipments	Total Supply	Marketings 2/	Farm Slaughter 3/	Deaths	Ending Inventory December 1
		Dec.-May	Jun.-Nov.						
	1,000 Head								
1984	155	121	113	30	419	245	18	16	140
1985	140	117	108	27	392	217	16	14	145
1986	145	133	131	21	430	250	14	16	150
1987	150	123	116	20	409	249	14	16	130
1988	130	118	105	73	426	270	18	18	120

1/ Balance sheet estimates: The sum of inventory at beginning of year (December 1) pig crop, and inshipments is equal to the sum of marketings, farm slaughter, deaths, and end-of-year inventory.

2/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

3/ Excludes custom slaughter for farms at commercial establishments.

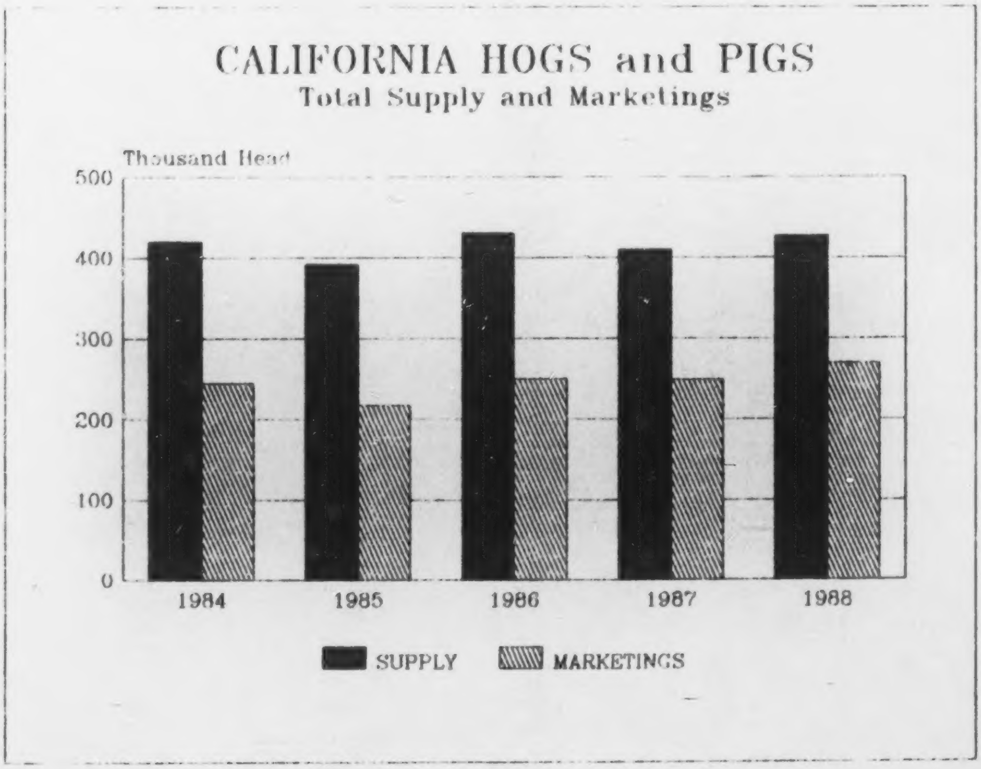

TABLE 29 — Hogs and pigs on farms, December 1, California, 1984-88

Year	Total Hogs and Pigs	Breeding Hogs and Pigs	Market Hogs				
			Under 60 Pounds	60-119 Pounds	120-179 Pounds	180 Pounds and Over	Total
	1,000 Head						
1984	140	21	46	31	24	18	119
1985	145	22	48	31	23	21	123
1986	150	27	53	31	21	18	123
1987	130	23	46	26	19	16	107
1988	120	21	42	26	17	14	99

TABLE 30 — Sows farrowed and pigs saved, California, 1984-88

Year	Spring (Dec. 1 to June 1)			Fall (June 1 to Dec. 1)			Total Pigs Saved
	Sows Farrowed	Pigs Saved	Pigs per Litter	Sows Farrowed	Pigs Saved	Pigs per Litter	
	1,000 Head		Number	1,000 Head		Number	1,000 Head
1984	17	121	7.1	15	113	7.5	234
1985	16	117	7.3	14	108	7.7	225
1986	18	133	7.4	17	131	7.7	264
1987	16	123	7.7	15	116	7.7	239
1988	16	118	7.4	14	105	7.5	223

TABLE 31 — Hogs and pigs slaughtered under Federal and State inspection, California, 1984-88

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
	1,000 Head												
1984	158	145	169	166	171	160	163	173	146	183	158	167	1,959
1985	179	152	167	176	172	160	180	180	150	57	66	134	1,772
1986	158	135	154	162	152	148	153	106	127	161	127	152	1,734
1987	150	134	149	148	142	147	146	139	158	163	157	183	1,816
1988	170	173	187	164	164	173	161	199	190	185	184	188	2,137

1/ Totals may not equal sum of parts due to rounding.

TABLE 32 — All hogs, number on farms, by county, December 1, California 1984-88

County	1984	1985	1986	1987	1988
	Number of Head				
Del Norte	300	300	300	300	200
Humboldt	200	300	300	300	400
Mendocino	800	600	600	600	400
	1,300	1,200	1,200	1,200	1,000
Shasta	500	700	700	600	700
Siskiyou	1,000	900	900	800	300
Trinity	100	100	100	100	100
	1,600	1,700	1,700	1,500	1,100
Lassen	200	200	200	100	50
Modoc	1,200	1,300	1,400	1,600	500
Plumas	100	100	100	100	50
	1,500	1,600	1,700	1,800	600
Alameda	300	1,100	1,000	1,000	300
Contra Costa	1,700	1,400	1,300	1,000	700
Lake	200	200	300	250	100
Marin	200	200	300	200	100
Monterey	2,600	1,600	1,500	1,000	250
Napa	500	400	300	200	200
San Benito	100	100	500	400	900
San Francisco	—	—	—	—	—
San Luis Obispo	4,400	4,000	3,500	3,200	2,400
San Mateo	100	100	100	100	50
Santa Clara	200	200	200	150	100
Santa Cruz	1,300	1,100	1,000	800	200
Sonoma	4,300	4,300	5,000	4,700	4,700
	15,900	14,700	15,000	13,000	10,000
Butte	7,400	7,400	7,100	7,100	7,700
Colusa	200	700	600	500	100
Glenn	2,900	2,500	2,500	2,000	700
Sacramento	900	900	800	800	900
Solano	100	200	100	100	100
Sutter	1,300	1,100	1,000	700	200
Tehama	200	200	200	200	200
Yolo	1,700	1,600	1,500	1,200	2,500
Yuba	800	500	600	400	200
	15,500	15,100	14,400	13,000	12,600
Fresno	5,700	5,400	5,200	4,500	7,700
Kern	5,000	4,300	4,800	4,000	3,500
Kings	2,300	2,500	2,600	500	2,800
Madera	1,500	2,000	2,200	2,000	1,300
Merced	27,000	30,000	32,000	28,500	26,200
San Joaquin	5,800	6,000	5,800	5,000	2,000
Stanislaus	8,500	9,000	9,000	8,500	3,000
Tulare	35,000	40,000	44,000	34,000	35,500
	90,800	99,200	105,600	87,000	82,000
Alpine	—	—	—	—	—
Amador	100	100	100	100	50
Calaveras	1,000	1,000	800	650	400
El Dorado	800	600	600	650	300
Inyo	—	—	—	50	50
Mariposa	100	200	100	50	50
Mono	—	—	—	—	—
Nevada	100	300	100	150	50
Placer	400	300	300	300	100
Sierra	—	—	—	—	—
Tuolumne	100	100	100	50	100
	2,600	2,600	2,100	2,000	1,100
Imperial	300	1,000	400	1,500	200
Los Angeles	2,600	2,400	2,600	2,000	5,000
Orange	100	100	100	100	200
Riverside	400	500	400	300	100
San Bernardino	3,000	1,000	1,500	4,300	3,400
San Diego	2,200	1,700	1,400	1,000	500
Santa Barbara	1,000	800	700	500	500
Ventura	1,200	1,400	1,200	800	1,700
	10,800	8,900	8,300	10,500	11,600
STATE	140,000	145,000	150,000	130,000	120,000

TABLE 33 — BEE COLONIES AND HONEY PRODUCTION: California, 1986-1988

Year	Number of Colonies	Yield Per Colony	Production	Stocks 1/ Dec. 15	Average Price Per Pound	Value of Production
—	1,000 Colonies	Lbs.	- - 1,000 Lbs. - -		Cents	1,000 Dollars
1986	520	52	27,040	3,515	54	14,602
1987	500	33	16,500	1,650	49	8,085
1988	520	40	20,800	1,872	48	9,984

1/ Does not include stocks under loan.

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FOOD & AGRICULTURE
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SACRAMENTO, CA 95814

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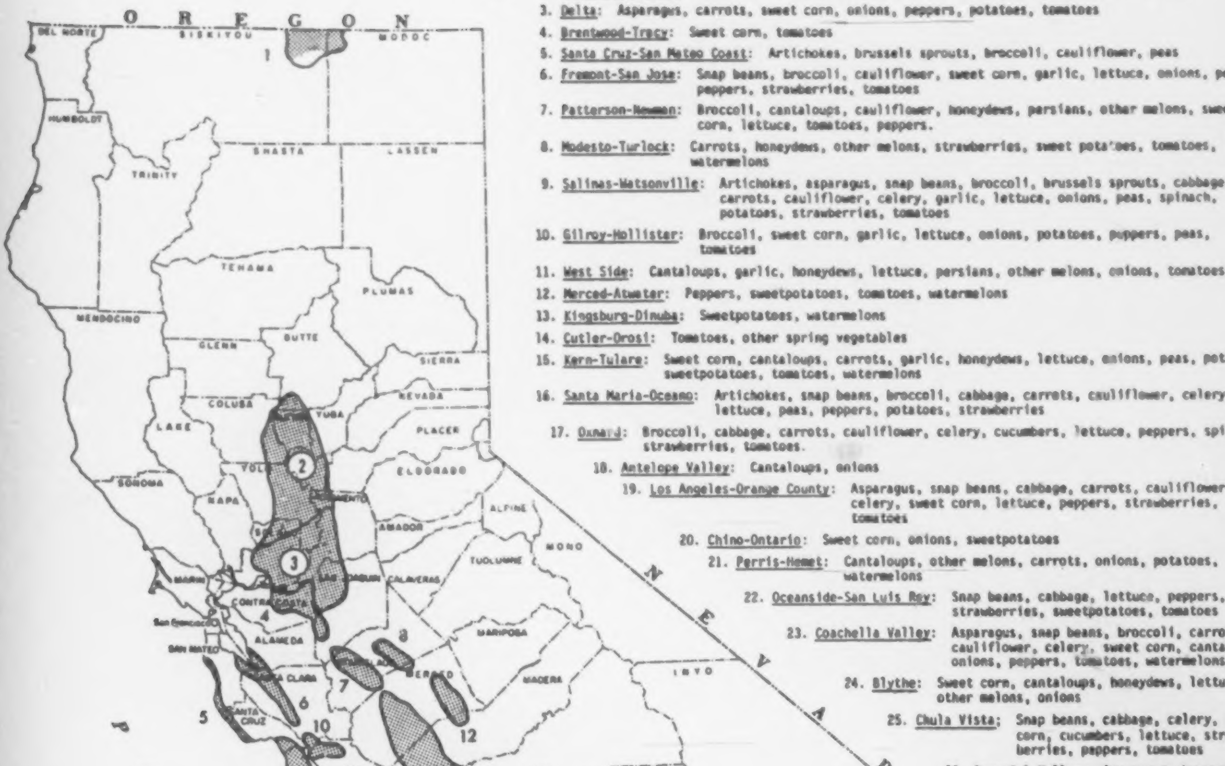
CALIFORNIA VEGETABLE CROPS

- ACREAGE, PRODUCTION & VALUE 1979-88
- COUNTY ACREAGE 1987-88

California Agricultural Statistics Service

CALIFORNIA'S MAJOR FRESH MARKET VEGETABLE, MELON AND POTATO PRODUCING DISTRICTS


O R E G O N
DEL NORTE
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MODOC
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TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
COLUSA
YUBA
NEVADA
LAKE
PLACER
SONOMA
YOLO
ELDORADO
NAPA
ALPINE
AMADOR
MONO
TUOLUMNE
CALAVERAS
MARIN
SAN JOAQUIN
CONTRA COSTA
San Francisco
ALAMEDA
MARIPOSA
SAN MATEO
SANTA CLARA
MERCED
MADERA
INYO
SANTA CRUZ
SAN BENITO
FRESNO
TULARE
MONTEREY
KINGS
SAN LUIS OBISPO
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SANTA BARBARA
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1. Tulelake-Butte Valley: Onions, potatoes
2. Sacramento Valley: Sweet corn, honeydews, persians, other melons, tomatoes, watermelons
3. Delta: Asparagus, carrots, sweet corn, onions, peppers, potatoes, tomatoes
4. Brentwood-Tracy: Sweet corn, tomatoes
5. Santa Cruz-San Mateo Coast: Artichokes, brussels sprouts, broccoli, cauliflower, peas
6. Fremont-San Jose: Snap beans, broccoli, cauliflower, sweet corn, garlic, lettuce, onions, peas, peppers, strawberries, tomatoes
7. Patterson-Newman: Broccoli, cantaloups, cauliflower, honeydews, persians, other melons, sweet corn, lettuce, tomatoes, peppers.
8. Modesto-Turlock: Carrots, honeydews, other melons, strawberries, sweet potatoes, tomatoes, watermelons
9. Salinas-Watsonville: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, carrots, cauliflower, celery, garlic, lettuce, onions, peas, spinach, potatoes, strawberries, tomatoes
10. Gilroy-Hollister: Broccoli, sweet corn, garlic, lettuce, onions, potatoes, puppers, peas, tomatoes
11. West Side: Cantaloups, garlic, honeydews, lettuce, persians, other melons, onions, tomatoes
12. Merced-Atwater: Peppers, sweetpotatoes, tomatoes, watermelons
13. Kingsburg-Dinuba: Sweetpotatoes, watermelons
14. Cutler-Orosi: Tomatoes, other spring vegetables
15. Kern-Tulare: Sweet corn, cantaloups, carrots, garlic, honeydews, lettuce, onions, peas, potatoe sweetpotatoes, tomatoes, watermelons
16. Santa Maria-Oceano: Artichokes, snap beans, broccoli, cabbage, carrots, cauliflower, celery, lettuce, peas, peppers, potatoes, strawberries
17. Oxnard: Broccoli, cabbage, carrots, cauliflower, celery, cucumbers, lettuce, peppers, spinach strawberries, tomatoes.
18. Antelope Valley: Cantaloups, onions
19. Los Angeles-Orange County: Asparagus, snap beans, cabbage, carrots, cauliflower, celery, sweet corn, lettuce, peppers, strawberries, tomatoes
20. Chino-Ontario: Sweet corn, onions, sweetpotatoes
21. Perris-Hemet: Cantaloups, other melons, carrots, onions, potatoes, watermelons
22. Oceanside-San Luis Rey: Snap beans, cabbage, lettuce, peppers, strawberries, sweetpotatoes, tomatoes
23. Coachella Valley: Asparagus, snap beans, broccoli, carrots, cauliflower, celery, sweet corn, cantaloups onions, peppers, tomatoes, watermelons
24. Blythe: Sweet corn, cantaloups, honeydews, lettuce, other melons, onions
25. Chula Vista: Snap beans, cabbage, celery, sweet corn, cucumbers, lettuce, strawberries, peppers, tomatoes
26. Imperial Valley: Asparagus, broccoli, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, garlic, lettuce, onion tomatoes, watermelons

CALIFORNIA VEGETABLE CROPS

This bulletin, prepared annually, contains the most recent estimates of acreage, production, and value for principal commercial vegetables, melons, and strawberries grown in California for the period 1979-88. Harvested acreage by county is included for 1987-88. Also included are tables showing 1987-88 monthly prices and sales for a number of the fresh market vegetable crops.

The vegetable and melon estimates encompass commercial production, excluding home and farm gardens. Vegetables grown for seed are also excluded. Potato and sweetpotato estimates although shown, are excluded from total vegetables. Potato estimates are also published in the annual Field Crop Bulletin.

Prices for processing crops and processed segments of dual utilization crops are based upon equivalent returns at the processing plant door. For fresh market sales, the price is on a packed and loaded basis, F.O.B. shipping point.

Vegetable acreages that are not included in the official 1988 USDA/CDFA estimating program are in this report. These crops, although not a complete listing, are reported by the County Agricultural Commissioners. Sufficient requests for this acreage data prompted us to include these "miscellaneous" vegetables.

Data presented in this publication are made possible with the cooperation of growers, processors, shippers, County Agricultural Commissioners' Offices, and other representatives of the California vegetable industry. Their cooperation is appreciated.

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National Agricultural Statistics Service

State of California

Department of Food and Agriculture
Agricultural Statistics Branch

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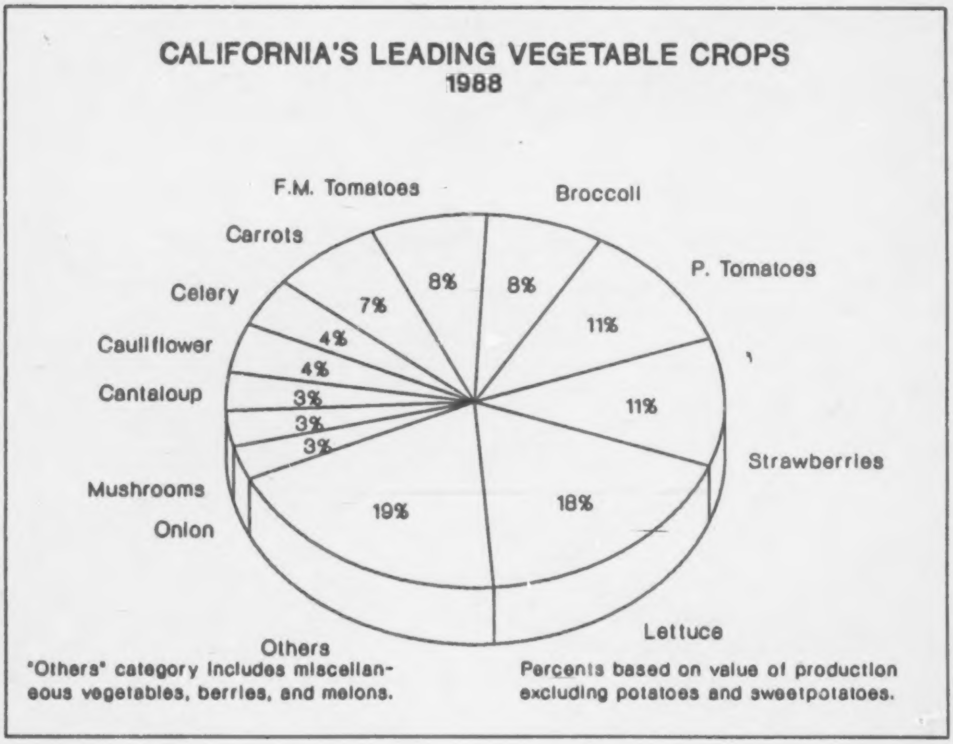
1988 SUMMARY

California produced 16.1 million tons of vegetables from 1,120 thousand acres in 1988. Value of production was $3.702 billion compared to $3.747 billion in 1987. Season average prices were generally lower in 1988, compared to 1987.

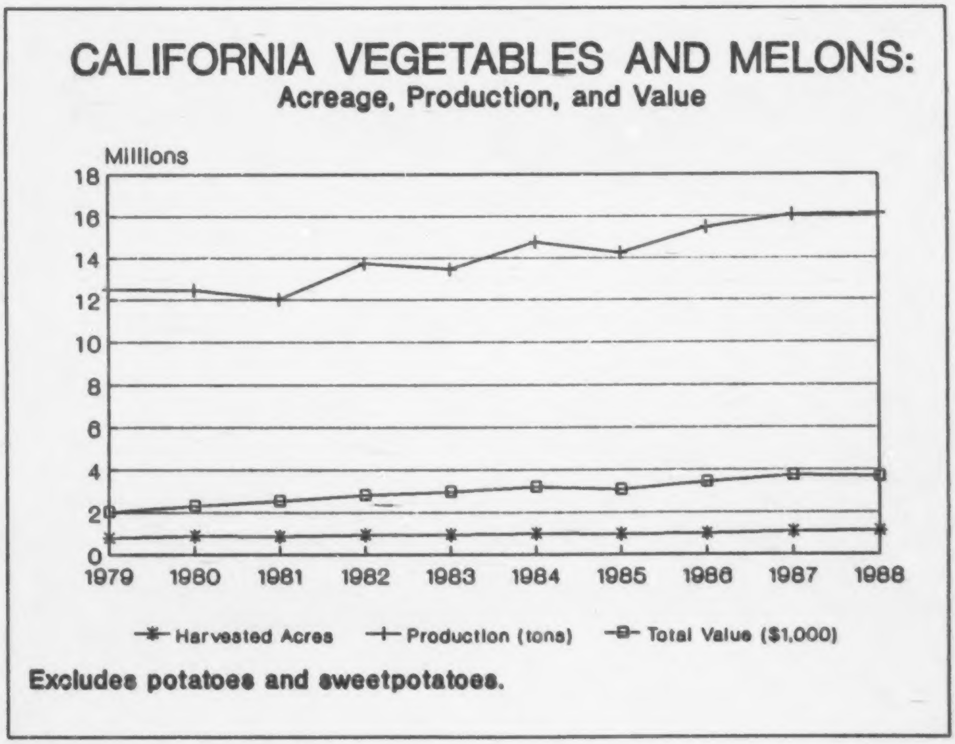
In 1988, California produced 54 percent of the principal U.S. fresh market crops and 58 percent of the major U.S. processing crops.



CALIFORNIA VEGETABLES AND MELONS:
Acreage, Production and Value, 1979-88 a/

Crop Year	Harvested Acreage	Production	Value Per Acre	Total Value
	Acres	Tons	Dollars	$1,000
1979	804,148	12,480,400	2,509	2,017,334
1980	903,701	12,463,250	2,543	2,298,061
1981	870,360	12,021,250	2,924	2,544,890
1982	941,847	13,749,400	3,005	2,830,223
1983	952,706	13,458,100	3,115	2,967,300
1984	995,631	14,767,550	3,209	3,194,713
1985	985,678	14,247,800	3,114	3,069,381
1986	994,498	15,482,300	3,454	3,435,157
1987	1,093,305	16,082,050	3,427	3,746,526
1988	1,117,099	16,103,750	3,313	3,701,745

a/ Excludes potatoes and sweetpotatoes.


CALIFORNIA VEGETABLES AND MELONS:
Acreage, Production, and Value

Excludes potatoes and sweetpotatoes.

CALIFORNIA VEGETABLE CROPS SUMMARY: Processing Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield Tons	Production	Price Per Ton a/		Total Value (000)
				Tons	First Del. Point	Proc. Plant Door	
Tomatoes for Processing	1979	250,000	25.40	6,350,000	$56.70	$ 67.50	$428,625
	1980	208,300	26.60	5,540,780	47.70	59.70	330,785
	1981	204,300	24.00	4,903,200	50.80	64.70	317,237
	1982	232,000	26.50	6,148,000	55.60	68.50	421,138
	1983	233,500	25.58	5,972,930	53.70	65.70	392,422
	1984	239,700	27.50	6,591,750	52.00	64.80	427,145
	1985	217,000	28.12	6,102,040	51.40	64.10	391,141
	1986	210,400	30.80	6,480,320	51.00	62.20	403,076
	1987	214,000	31.32	6,702,480	46.40	57.20	383,382
	1988	226,100	28.96	6,547,860	57.20	58.90	385,669
Cucumbers for Processing	1979	b/	---	---	---	---	---
	1980	b/	---	---	---	---	---
	1981	b/	---	---	---	---	---
	1982	b/	---	---	---	---	---
	1983	b/	---	---	---	---	---
	1984	3,300	17.10	56,430	---	232.00	13,092
	1985	4,100	17.92	73,470	---	189.00	13,886
	1986	4,000	16.17	64,680	---	200.00	12,936
	1987	4,100	15.00	61,500	---	198.00	12,177
	1988	3,800	18.16	69,010	---	213.00	14,699
Chili Peppers Dried	1979	5,820	2.05	11,900	---	1,030.00	12,260
	1980	6,300	1.90	11,950	---	1,080.00	12,906
	1981	7,020	2.18	15,290	---	1,099.00	16,804
	1982	4,640	1.93	8,960	---	1,113.00	9,972
	1983	4,260	1.82	7,750	---	1,130.00	8,758
	1984	3,920	2.57	10,080	---	1,136.00	11,451
	1985	3,670	2.73	10,030	---	1,094.00	10,973
	1986	3,100	2.82	8,740	---	1,070.00	9,352
	1987	2,990	2.77	8,290	---	1,147.00	9,510
	1988	3,460	2.84	9,840	---	977.00	9,618

---

a/ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.

b/ Estimates began in 1984.

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production ---------- 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
ASPARAGUS Fresh Market	1979	---	---	480	$ 62.40	$ 29,952
	1980	---	---	631	55.40	34,957
	1981	---	---	644	69.60	44,822
	1982	---	---	591	67.40	39,833
	1983	---	---	557	83.70	46,621
	1984	---	---	739	74.40	54,982
	1985	---	---	818	83.30	68,139
	1986	---	---	990	72.10	71,379
	1987	---	---	1,055	66.10	69,736
	1988	---	---	b/	b/	b/
Processing	1979	---	---	444	41.90	18,604
	1980	---	---	150	39.00	5,850
	1981	---	---	175	40.80	7,140
	1982	---	---	208	43.60	9,062
	1983	---	---	79	41.20	3,255
	1984	---	---	116	41.50	4,814
	1985	---	---	168	38.90	6,527
	1986	---	---	106	39.00	4,134
	1987	---	---	136	37.00	5,010
	1988			b/	b/	b/
Total	1979	26,400	35	924	52.50	48,556
	1980	27,900	28	781	52.20	40,807
	1981	27,300	30	819	63.40	51,962
	1982	29,600	27	799	61.20	48,895
	1983	31,800	20	636	78.40	49,876
	1984	34,200	25	855	69.90	59,796
	1985	35,200	28	986	75.70	74,666
	1986	37,800	29	1,096	68.90	75,513
	1987	39,700	30	1,191	62.80	74,746
	1988	40,100	29	1,163	71.70	83,431
BROCCOLI Fresh Market	1979	---	---	3,135	22.00	68,911
	1980	---	---	3,567	23.10	82,519
	1981	---	---	3,996	25.70	102,620
	1982	---	---	4,748	24.90	118,042
	1983	---	---	5,026	26.80	134,553
	1984	---	---	6,146	23.90	147,016
	1985	---	---	6,415	24.00	153,960
	1986	---	---	7,667	21.40	164,074
	1987	---	---	7,830	21.40	167,562
	1988	---	---	9,167	23.90	219,091
Processing	1979	---	---	2,960	16.00	47,360
	1980	---	---	2,857	18.80	53,712

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production ---------- 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
BROCCOLI	1981	---	---	2,892	$ 18.90	$ 54,659
Processing -	1982	---	---	3,192	19.70	62,882
Continued	1983	---	---	2,526	19.50	49,257
	1984	---	---	3,294	19.70	64,892
	1985	---	---	3,160	19.40	61,304
	1986	---	---	2,760	18.10	49,956
	1987	---	---	2,500	18.00	45,000
	1988	---	---	2,460	19.10	46,863
Total	1979	68,000	90	6,095	19.10	116,271
	1980	72,600	88	6,424	21.20	136,231
	1981	71,400	96	6,888	22.80	157,279
	1982	81,800	97	7,940	22.80	180,924
	1983	82,000	92	7,552	24.30	183,810
	1984	95,700	99	9,440	22.40	211,908
	1985	97,700	98	9,575	22.50	215,264
	1986	106,400	98	10,427	20.50	214,030
	1987	107,600	96	10,330	20.60	212,562
	1988	101,100	115	11,627	22.90	265,954
BUSHBERRIES	1979	480	58	28	61.90	1,734
Boysenberries	1980	550	109	60	42.60	2,554
	1981	690	49	34	39.10	1,329
	1982	665	66	44	38.20	1,679
	1983	580	53	31	42.80	1,435
	1984	590	66	39	61.90	2,414
	1985	580	72	42	71.60	3,007
	1986	510	64	33	72.20	2,383
	1987	450	74	33	71.60	2,364
	1988	400	53	21	181.60	3,814
Olallieberries	1979	360	86	31	56.60	1,754
	1980	400	90	36	30.70	1,105
	1981	210	62	13	25.50	332
	1982	255	86	22	31.50	694
	1983	210	71	15	45.40	676
	1984	190	84	16	64.30	1,029
	1985	220	95	21	74.40	1,563
	1986	200	90	18	79.50	1,431
	1987	150	106	16	79.70	1,275
	1988	200	110	22	93.40	2,054
Raspberries	1979	110	91	10	169.30	1,693
	1980	110	82	9	213.30	1,920
	1981	140	64	9	142.30	1,281
	1982	190	68	13	168.00	2,184

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production ---------- 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
BUSHBERRIES Raspberries - Continued	1983	260	69	18	$ 181.00	$ 3,122
	1984	350	74	26	190.00	4,922
	1985	480	83	40	180.00	7,217
	1986	470	100	47	178.00	8,343
	1987	420	81	34	156.60	5,324
	1988	500	112	56	157.20	8,803
Total	1979	950	73	69	75.10	5,181
	1980	1,060	99	105	53.10	5,579
	1981	1,040	54	56	52.50	2,942
	1982	1,110	71	79	57.70	4,557
	1983	1,050	61	64	81.80	5,233
	1984	1,130	68	77	109.00	8,365
	1985	1,280	80	103	114.40	11,787
	1986	1,180	83	98	124.05	12,157
	1987	1,020	81	83	108.00	8,963
	1988	1,100	90	99	148.20	14,671
CARROTS Desert	1979	11,200	229	2,568	8.78	22,537
	1980	11,700	223	2,604	9.39	24,452
	1981	9,100	276	2,511	9.86	24,760
	1982	12,100	246	2,974	10.90	32,841
	1983	12,500	249	3,113	10.30	32,172
	1984	11,000	280	3,080	13.70	42,108
	1985	11,800	250	2,950	10.50	31,109
	1986	12,400	450	5,580	12.50	69,750
	1987	14,500	475	6,888	10.80	74,390
	1988	14,600	450	6,570	11.60	76,212
Non-Desert	1979	25,800	299	7,722	7.77	59,979
	1980	24,900	312	7,781	8.96	69,690
	1981	24,800	291	7,224	10.80	78,146
	1982	26,400	321	8,472	9.83	83,275
	1983	27,500	310	8,515	11.00	93,498
	1984	30,100	295	8,931	11.70	104,252
	1985	28,100	285	8,009	10.60	84,624
	1986	27,600	530	14,628	12.10	176,638
	1987	35,500	525	18,638	10.00	187,054
	1988	36,500	400	14,600	11.70	171,154
Fresh Market	1979	---	---	7,167	10.40	74,771
	1980	---	---	7,973	11.00	87,437
	1981	---	---	8,235	12.00	98,511
	1982	---	---	9,787	11.30	110,757
	1983	---	---	9,220	12.70	117,314
	1984	---	---	9,901	14.00	138,458

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
CARROTS	1985	---	---	9,451	$ 11.60	$ 109,565
Fresh Market -	1986	---	---	18,410	13.00	239,106
Continued	1987	---	---	24,126	10.60	255,389
	1988	---	---	19,650	12.30	241,020
Processing	1979	---	---	3,123	2.48	7,745
	1980	---	---	2,412	2.78	6,705
	1981	---	---	1,500	2.93	4,395
	1982	---	---	1,659	3.23	5,359
	1983	---	---	2,408	3.47	8,356
	1984	---	---	2,110	3.75	7,902
	1985	---	---	1,508	4.09	6,168
	1986	---	---	1,798	4.05	7,282
	1987	---	---	1,400	4.33	6,055
	1988	---	---	1,520	4.18	6,346
Total	1979	37,000	278	10,290	8.02	82,516
	1980	36,600	284	10,385	9.07	94,142
	1981	33,900	287	9,735	10.60	102,906
	1982	38,500	297	11,446	10.10	116,116
	1983	40,000	291	11,628	10.80	125,670
	1984	41,100	292	12,011	12.20	146,360
	1985	39,900	275	10,959	10.60	115,733
	1986	40,000	505	20,208	12.20	246,388
	1987	50,000	511	25,526	10.20	261,444
	1988	51,100	414	21,170	11.70	247,366
CAULIFLOWER	1979	---	---	1,991	25.80	51,390
Fresh Market	1980	---	---	2,068	28.30	58,456
	1981	---	---	2,548	30.70	78,106
	1982	---	---	2,455	32.30	79,328
	1983	---	---	2,747	32.20	88,522
	1984	---	---	3,670	31.20	114,504
	1985	---	---	3,688	29.90	110,271
	1986	---	---	4,670	28.50	133,095
	1987	---	---	4,661	28.40	132,372
	1988	---	---	5,340	27.60	147,384
Processing	1979	---	---	1,196	10.70	12,797
	1980	---	---	1,100	12.40	13,640
	1981	---	---	1,392	12.70	17,678
	1982	---	---	1,420	13.80	19,525
	1983	---	---	1,218	13.50	16,443
	1984	---	---	1,181	14.60	17,243
	1985	---	---	1,100	14.70	16,170
	1986	---	---	1,160	14.80	17,110
	1987	---	---	960	15.40	14,784
	1988	---	---	900	15.70	14,130

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
CAULIFLOWER Total - Continued	1979	33,700	95	3,187	$ 20.10	$ 64,187
	1980	33,900	93	3,168	22.80	72,096
	1981	36,300	109	3,940	24.30	95,784
	1982	40,000	97	3,875	25.50	98,853
	1983	41,900	95	3,965	26.50	104,965
	1984	46,200	105	4,851	27.20	131,747
	1985	45,600	105	4,788	26.40	126,441
	1986	53,000	110	5,830	25.80	150,205
	1987	51,100	110	5,621	26.20	147,156
	1988	48,000	130	6,240	25.90	161,514
CELERY South Coast	1979	11,200	537	6,017	9.19	55,270
	1980	11,200	560	6,271	9.11	57,118
	1981	12,200	587	7,160	8.71	62,399
	1982	11,200	659	7,375	10.20	75,474
	1983	11,400	598	6,817	12.50	85,114
	1984	10,700	643	6,882	14.20	97,484
	1985	11,500	610	7,015	9.46	66,347
	1986	11,700	570	6,669	11.50	77,009
	1987	11,400	560	6,384	12.10	77,498
	1988	11,500	615	7,073	11.00	77,646
Central Coast	1979	9,900	553	5,471	7.28	39,799
	1980	9,750	581	5,667	8.32	47,146
	1981	10,300	567	5,844	10.32	60,415
	1982	11,100	589	6,542	7.74	50,623
	1983	9,000	640	5,763	13.40	77,262
	1984	9,900	610	6,030	8.73	52,618
	1985	9,700	640	6,208	11.00	68,328
	1986	9,700	620	6,014	11.80	70,755
	1987	9,900	635	6,287	9.36	58,850
	1988	8,800	705	6,204	11.30	70,094
Total	1979	21,100	544	11,488	8.28	95,069
	1980	20,950	570	11,938	8.73	104,264
	1981	22,500	578	13,004	9.44	122,814
	1982	22,300	624	13,917	9.06	126,097
	1983	20,400	617	12,580	12.90	162,376
	1984	20,600	627	12,912	11.60	150,102
	1985	21,200	624	13,223	10.20	134,675
	1986	21,400	593	12,683	11.70	147,764
	1987	21,300	595	12,671	10.80	136,348
	1988	20,300	654	13,277	11.10	147,740
CORN, SWEET Fresh Market	1979	13,100	106	1,384	10.20	14,062
	1980	13,150	106	1,400	10.80	15,126

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production ---------- 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
CORN, SWEET Fresh Market - Continued	1981	13,900	108	1,501	$ 13.20	$ 19,784
	1982	13,800	102	1,406	12.10	16,977
	1983	14,600	108	1,576	12.40	19,479
	1984	14,200	107	1,521	14.60	22,201
	1985	14,700	105	1,544	14.30	22,079
	1986	15,000	100	1,500	16.10	24,150
	1987	16,000	95	1,520	13.30	20,216
	1988	15,000	130	1,950	15.10	29,445
LETTUCE	1979	160,500	278	44,673	8.25	368,521
	1980	163,600	287	46,934	8.23	386,096
	1981	156,300	294	46,027	10.10	465,205
	1982	144,900	306	44,342	10.80	478,974
	1983	151,200	292	44,078	12.30	541,803
	1984	150,900	313	47,273	10.70	505,876
	1985	145,500	295	42,923	11.00	472,153
	1986	145,500	325	47,288	11.50	543,812
	1987	157,100	315	49,487	15.10	747,254
	1988	159,500	325	51,838	12.20	632,424
MELONS						
Cantaloup	1979	52,100	151	7,865	10.40	81,475
	1980	51,900	156	8,084	12.70	102,286
	1981	55,600	175	9,730	13.30	129,409
	1982	61,500	160	9,840	11.60	114,144
	1983	62,200	150	9,330	13.30	124,089
	1984	64,000	148	9,483	13.80	130,865
	1985	75,100	155	11,641	11.30	131,543
	1986	79,100	160	12,656	12.40	156,934
	1987	85,100	150	12,765	11.50	146,798
	1988	84,500	150	12,675	9.00	114,075
Casaba and Santa Claus	1979	1,200	140	168	11.30	1,898
	1980	1,400	170	238	10.20	2,428
	1981	1,100	140	154	10.40	1,602
	1982	1,400	180	252	11.80	2,974
	1983	1,400	180	252	12.20	3,074
	1984	1,800	220	396	15.00	5,940
	1985	1,700	170	289	11.50	3,324
	1986	2,300	190	437	15.00	6,555
	1987	2,500	180	450	10.80	4,860
	1988	2,500	200	500	12.00	6,000
Crenshaw	1979	1,100	165	182	13.70	2,493
	1980	1,000	140	140	17.90	2,506
	1981	900	135	122	19.70	2,403

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production ---------- 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
MELONS Crenshaw - Continued	1982	950	155	147	$ 16.00	$ 2,352
	1983	1,200	145	174	18.80	3,271
	1984	1,400	150	210	20.20	4,242
	1985	1,400	160	224	18.60	4,166
	1986	1,500	160	240	19.70	4,728
	1987	1,200	155	186	18.70	3,478
	1988	1,000	165	165	19.00	3,135
Honeydew	1979	12,500	193	2,413	10.40	25,089
	1980	11,900	191	2,268	11.80	26,856
	1981	13,300	180	2,394	13.40	32,080
	1982	16,500	155	2,558	11.50	29,417
	1983	15,500	185	2,868	11.00	31,548
	1984	16,300	170	2,771	12.80	35,469
	1985	18,500	185	3,423	10.20	34,915
	1986	19,000	200	3,800	11.00	41,800
	1987	20,600	180	3,708	11.90	44,125
	1988	21,300	170	3,621	13.10	47,435
Persian	1979	450	104	47	13.30	625
	1980	400	180	72	16.10	1,159
	1981	450	120	54	18.90	1,021
	1982	500	120	60	14.20	852
	1983	450	140	63	16.60	1,046
	1984	400	140	56	19.30	1,081
	1985	550	200	110	17.00	1,870
	1986	600	140	84	19.30	1,621
	1987	400	130	52	15.30	796
	1988	500	170	85	16.00	1,360
MUSHROOMS	1979	478	1,628	778	90.80	70,632
	1980	506	1,573	796	92.70	73,786
	1981	550	1,516	834	96.60	80,600
	1982	547	1,600	875	102.00	88,907
	1983	546	1,637	894	111.00	99,415
	1984	581	1,867	1,085	98.60	106,967
	1985	578	1,965	1,136	100.00	114,143
	1986	518	2,063	1,069	97.70	104,444
	1987	495	2,242	1,110	110.00	122,064
	1988	501	2,248	1,126	97.90	110,189
ONIONS Spring	1979	5,600	340	1,904	10.40	19,802
	1980	5,100	330	1,683	9.77	16,443
	1981	6,000	360	2,160	18.90	40,824
	1982	7,900	355	2,805	10.10	28,331
	1983	7,600	285	2,166	10.80	23,393

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production ---------- 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
ONIONS Spring - Continued	1984	7,700	355	2,734	$ 12.00	$ 32,808
	1985	7,800	450	3,510	14.30	50,193
	1986	7,800	370	2,886	10.30	29,726
	1987	8,200	390	3,198	17.60	56,285
	1988	8,500	390	3,315	9.71	32,189
Summer c/	1979	29,700	320	9,504	6.09	55,669
	1980	25,000	240	6,000	7.62	44,121
	1981	22,300	315	7,025	8.37	56,969
	1982	29,700	350	10,395	6.74	68,573
	1983	27,400	335	9,179	8.49	76,077
	1984	26,900	365	9,819	7.73	74,003
	1985	25,000	370	9,250	7.53	65,889
	1986	26,900	370	9,953	8.87	76,765
	1987	29,000	370	10,730	7.75	80,264
	1988	32,000	380	12,160	6.13	71,893
Total c/	1979	35,300	323	11,408	6.62	75,471
	1980	30,100	255	7,683	7.88	60,564
	1981	28,300	325	9,185	10.60	97,793
	1982	37,600	351	13,200	7.34	96,904
	1983	35,000	324	11,345	8.77	99,470
	1984	34,600	363	12,553	8.51	106,811
	1985	32,800	389	12,760	9.10	116,082
	1986	34,700	370	12,839	8.29	106,491
	1987	37,200	374	13,928	9.80	136,549
	1988	40,500	382	15,475	6.73	104,082
POTATOES Winter	1979	3,300	240	792	9.80	7,762
	1980	3,000	235	705	7.20	5,076
	1981	3,200	280	896	12.80	11,469
	1982	3,800	245	931	9.70	9,031
	1983	4,700	270	1,269	7.55	9,581
	1984	5,600	260	1,456	9.25	13,468
	1985	5,400	260	1,404	9.80	13,759
	1986	5,100	290	1,479	7.00	10,353
	1987	4,600	235	1,081	11.30	12,215
	1988	5,200	230	1,196	10.40	12,438
Spring	1979	28,000	395	11,060	4.50	49,770
	1980	22,500	390	8,775	7.30	64,058
	1981	26,400	390	10,296	11.90	122,522
	1982	25,500	375	9,563	10.60	101,368
	1983	24,500	340	8,330	9.45	78,719
	1984	28,500	390	11,115	12.00	133,380
	1985	27,500	385	10,588	9.60	101,645

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production ---------- 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
POTATOES	1986	19,500	390	7,605	$ 8.55	$ 65,023
Spring -	1987	21,300	370	7,881	11.50	90,632
Continued	1988	19,600	385	7,546	8.90	67,159
Summer	1979	7,700	350	2,695	4.70	12,667
	1980	7,600	365	2,774	11.00	30,514
	1981	8,000	370	2,960	11.70	34,632
	1982	8,400	365	3,066	9.25	28,631
	1983	8,000	320	2,560	10.00	25,600
	1984	8,100	360	2,916	12.30	35,867
	1985	7,200	375	2,700	7.35	19,845
	1986	6,800	365	2,482	9.95	24,696
	1987	6,400	345	2,208	10.60	23,405
	1988	5,900	325	1,918	12.40	23,783
Fall	1979	17,200	370	6,364	5.30	33,729
	1980	17,400	370	6,438	9.00	57,942
	1981	18,700	370	6,919	7.05	48,779
	1982	18,500	410	7,585	6.30	47,786
	1983	19,000	410	7,790	8.90	69,331
	1984	18,200	400	7,280	7.70	56,056
	1985	21,500	390	8,385	6.10	51,149
	1986	17,000	405	6,885	6.40	44,064
	1987	18,300	430	7,869	4.15	32,656
	1988	16,500	370	6,105	6.60	40,293
Total	1979	56,200	372	20,911	5.00	103,928
	1980	50,500	370	18,692	9.00	157,590
	1981	56,300	374	21,071	10.40	217,402
	1982	56,200	376	21,145	8.90	186,816
	1983	56,200	355	19,949	9.20	183,231
	1984	60,400	377	22,767	10.60	238,771
	1985	61,600	375	23,077	8.15	186,398
	1986	48,400	381	18,451	7.85	144,136
	1987	50,600	376	19,039	8.45	158,908
	1988	47,200	355	16,765	8.65	143,673
SWEETPOTATOES	1979	9,600	170	1,632	14.20	23,174
	1980	9,000	170	1,530	17.80	26,914
	1981	8,900	185	1,647	15.70	25,858
	1982	9,200	190	1,748	11.30	19,752
	1983	8,800	195	1,716	13.60	23,338
	1984	8,000	180	1,440	15.10	21,744
	1985	7,400	195	1,443	12.80	18,470
	1986	6,800	200	1,360	11.70	15,912
	1987	6,600	205	1,353	20.40	27,601
	1988	7,100	170	1,207	12.70	18,329

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
STRAWBERRIES Fresh Market	1979	---	---	3,266	$ 40.20	$ 131,293
	1980	---	---	3,561	46.30	164,874
	1981	---	---	3,973	47.10	187,128
	1982	---	---	4,057	55.70	225,975
	1983	---	---	4,107	53.20	218,492
	1984	---	---	5,908	49.10	290,083
	1985	---	---	5,804	51.90	301,228
	1986	---	---	5,804	58.30	338,373
	1987	---	---	6,002	58.00	348,116
	1988	---	---	6,574	52.00	341,848
Processing	1979	---	---	1,449	26.50	38,399
	1980	---	---	1,609	24.20	38,938
	1981	---	---	1,423	25.60	36,429
	1982	---	---	2,215	30.90	68,444
	1983	---	---	2,133	28.50	60,791
	1984	---	---	1,636	17.60	28,794
	1985	---	---	1,934	16.90	32,685
	1986	---	---	2,074	22.60	46,872
	1987	---	---	2,230	26.70	59,541
	1988	---	---	2,050	23.00	47,150
Total	1979	11,500	410	4,715	36.00	169,692
	1980	11,000	470	5,170	39.40	203,812
	1981	10,900	495	5,396	41.40	223,557
	1982	11,200	560	6,272	46.90	294,419
	1983	13,000	480	6,240	44.80	279,283
	1984	14,100	535	7,544	42.30	318,877
	1985	14,600	530	7,738	43.20	333,913
	1986	15,600	505	7,878	48.90	385,245
	1987	16,800	490	8,232	49.50	407,657
	1988	17,600	490	8,624	45.10	388,998
TOMATOES, FRESH MARKET Desert	1979	2,000	170	340	27.70	9,418
	1980	1,300	245	319	35.70	11,388
	1981	1,300	235	306	23.80	7,283
	1982	1,400	235	329	35.60	11,712
	1983	1,500	220	330	32.80	10,824
	1984	1,800	225	405	25.40	10,287
	1985	1,500	220	330	18.30	6,039
	1986	1,400	230	322	29.80	9,596
	1987	1,100	220	242	30.90	7,478
	1988	1,100	320	352	30.90	10,877
Non-Desert	1979	27,300	244	6,671	20.10	133,873
	1980	29,200	253	7,384	20.80	153,504

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1979-88

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
TOMATOES, FRESH MARKET Non-Desert - Continued	1981	28,800	255	7,344	$ 20.40	$ 149,818
	1982	27,300	250	6,825	18.90	128,993
	1983	27,800	280	7,784	18.90	147,118
	1984	26,100	270	7,047	25.30	178,28[illegible]
	1985	27,100	275	7,453	19.40	144,588
	1986	27,200	280	7,616	22.50	171,360
	1987	28,400	290	8,236	21.30	175,427
	1988	36,400	235	8,554	29.60	253,198
Total	1979	29,300	239	7,011	20.44	143,291
	1980	30,500	253	7,703	21.40	164,892
	1981	30,100	254	7,650	20.50	157,101
	1982	28,700	249	7,154	19.70	140,705
	1983	29,300	277	8,114	19.50	157,942
	1984	27,900	267	7,452	25.30	188,576
	1985	28,600	272	7,783	19.40	150,627
	1986	28,600	278	7,938	22.80	180,956
	1987	29,500	287	8,478	21.60	182,905
	1988	37,500	237	8,906	29.70	264,075
MISCELLANEOUS VEGETABLES d/	1979	42,450	---	9,631	---	210,471
	1980	179,235	---	24,859	---	459,917
	1981	153,900	---	24,517	---	465,000
	1982	173,100	---	27,649	---	555,560
	1983	172,000	---	28,143	---	572,100
	1984	182,000	---	31,640	---	606,000
	1985	186,000	---	32,040	---	590,000
	1986	174,800	---	32,500	---	607,000
	1987	234,600	---	30,858	---	683,536
	1988	241,638	---	31,000	---	669,865
ALL VEGETABLES e/	1979	804,148	---	249,608	---	2,017,334
	1980	903,701	---	249,265	---	2,298,061
	1981	870,360	---	240,425	---	2,544,890
	1982	941,847	---	274,988	---	2,830,223
	1983	952,706	---	269,162	---	2,967,300
	1984	995,631	---	295,351	---	3,194,713
	1985	985,678	---	284,956	---	3,069,381
	1986	994,498	---	309,646	---	3,435,157
	1987	1,093,305	---	321,641	---	3,746,526
	1988	1,117,099	---	322,075	---	3,701,745

a/ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.

b/ Information unavailable due to disclosure.

c/ Production includes quantity harvested but not marketed because of loss during storage (shrinkage): For onion -- 1983 - 220,000 cwt., 1984-250,000 cwt., 1985 - 497,000 cwt., 1986 - 200,000 cwt., 1987 - 375,000 cwt., 1988 - 435,000 cwt. Storage loss amounts are excluded when computing total value.

d/ Miscellaneous vegetables include: Artichokes, green lima beans for processing, cabbage, cucumbers, garlic, green onions, oriental vegetables, green peas, bell peppers, watermelons, etc.

e/ Potatoes and sweetpotatoes are included in the Field Crop Bulletin.

CALIFORNIA VEGETABLE CROPS: Harvested Acreage by Counties, 1987-88

Crop & County	1987	1988
ASPARAGUS		
Contra Costa	2,400	2,200
Imperial	3,900	4,000
Monterey	4,200	3,900
Orange	800	700
Riverside	5,900	5,900
Sacramento	1,400	1,400
San Joaquin	17,500	16,800
Yolo	800	700
Other Counties	2,800	4,500
Total	39,700	40,100
BROCCOLI		
Fresno	9,800	7,500
Imperial	7,900	9,300
Kings	1,000	900
Monterey	55,000	49,100
Riverside	1,500	2,600
San Benito	800	800
San Luis Obispo	6,700	6,600
Santa Barbara	17,400	19,000
Santa Clara	900	800
Stanislaus	800	1,100
Ventura	5,000	2,500
Other Counties	800	900
Total	107,600	101,100
CANTALOUP		
Fresno	38,500	34,500
Imperial	28,100	30,100
Kern	2,100	1,600
Kings	2,000	1,100
Merced	6,800	9,300
Riverside	5,200	4,700
Other Counties	2,400	3,200
Total	85,100	84,500
CARROTS		
Fresno	5,000	3,600
Imperial	12,000	12,800
Kern	18,500	20,900
Monterey	5,100	5,800
Riverside	2,500	1,800
San Luis Obispo	3,200	2,800
Other Counties	3,700	3,400
Total	50,000	51,100
CAULIFLOWER		
Fresno	2,400	1,500
Imperial	5,700	7,500
Monterey	24,000	20,200
Riverside	800	900
San Diego	600	500
San Joaquin	800	1,000
San Luis Obispo	2,600	2,300
Santa Barbara	7,500	7,500
Santa Cruz	1,100	800
Stanislaus	1,200	900
Ventura	1,500	2,100
Other Counties	2,900	2,800
Total	51,100	48,000
CELERY		
Monterey	6,200	4,500
San Benito	700	500
San Luis Obispo	800	1,100
Santa Barbara	2,800	2,400
Ventura	9,600	10,700
Other Counties	1,200	1,100
Total	21,300	20,300
CORN, SWEET		
Contra Costa	800	700
Los Angeles	500	400
Orange	600	600
Riverside	4,800	4,300
San Diego	600	500
Santa Clara	900	900
Ventura	1,500	1,700
Other Counties	6,300	5,900
Total	16,000	15,000
LETTUCE		
Fresno	17,800	18,000
Imperial	29,000	31,200
Kern	5,600	7,000
Monterey	68,200	68,500
Riverside	12,800	10,700
San Benito	1,000	1,400
San Luis Obispo	7,900	7,700
Santa Barbara	7,600	8,300
Santa Cruz	3,500	3,800
Ventura	1,700	1,300
Other Counties	2,000	1,600
Total	157,100	159,500

CALIFORNIA VEGETABLE CROPS: Harvested Acreage by Counties, 1987-88

Crop & County	1987	1988
ONIONS		
Fresno	12,900	13,900
Imperial	8,300	9,000
Kern	8,500	8,200
Kings	500	400
Los Angeles	1,400	1,700
Riverside	600	800
San Benito	800	900
San Joaquin	1,700	1,800
Santa Clara	700	500
Other Counties	1,800	3,300
Total	37,200	40,500
POTATOES, WINTER		
Kern	2,200	2,300
Riverside	2,400	2,700
Other Counties	---	200
Total	4,600	5,200
POTATOES, SPRING		
Kern	21,000	19,300
Other Counties	300	300
Total	21,300	19,600
POTATOES, SUMMER		
Riverside	2,200	2,300
San Diego	a/	a/
San Joaquin	1,200	1,300
Santa Barbara	a/	a/
Other Counties	3,000	2,300
Total	6,400	5,900
POTATOES, FALL		
Humboldt	600	500
Modoc	7,400	6,200
Monterey	1,000	1,100
San Joaquin	a/	a/
Siskiyou	8,300	7,700
Other Counties	1,000	1,000
Total	18,300	16,500
SWEETPOTATOES		
Fresno	1,200	1,300
Merced	4,900	5,100
San Bernardino	a/	a/
San Diego	a/	a/
Stanislaus	300	400
Other Counties	200	300
Total	6,600	7,100
STRAWBERRIES		
Los Angeles-Orange	2,680	2,700
Monterey-Santa Cruz	6,150	6,500
Santa Barbara-San Luis Obispo	2,900	3,200
San Diego	940	1,000
Ventura	3,450	3,500
Other Counties	680	700
Total	16,800	17,600
TOMATOES, FRESH MARKET		
Fresno	5,000	5,600
Kings	1,900	2,200
Merced	5,300	5,300
Monterey	3,500	4,400
Orange	800	600
San Diego	2,400	2,700
San Joaquin	6,100	7,800
Stanislaus	1,700	3,900
Other Counties	2,800	5,000
Total	29,500	37,500
TOMATOES, PROCESSING		
Colusa	12,800	13,800
Contra Costa	6,000	6,500
Fresno	62,700	67,300
Kern	2,400	2,600
Merced	6,400	6,550
Monterey	1,300	1,540
Sacramento	4,300	5,100
San Benito	5,100	5,900
San Joaquin	22,000	22,200
Santa Clara	2,100	1,600
Solano	14,200	13,150
Stanislaus	11,300	13,200
Sutter	14,100	15,200
Yolo	41,100	43,350
Other Counties	8,200	8,110
Total	214,000	226,100

a/ Reported under "Other Counties" to avoid disclosure.

CALIFORNIA MISCELLANEOUS VEGETABLE CROPS: Harvested Acreage by Counties, 1988 a/

Crop & County	1988
ARTICHOKES	
Monterey	7,720
Other Counties	4,160
Total	11,880
BEANS, GREEN LIMAS	
Merced	4,136
Stanislaus	10,350
Ventura	5,200
Other Counties	6,483
Total	26,169
BEANS, SNAP, ALL	
Orange	1,455
Riverside	320
San Diego	377
San Luis Obispo	408
San Mateo	120
Santa Clara	565
Stanislaus	2,250
Ventura	300
Other Counties	1,171
Total	6,966
BRUSSELS SPROUTS	
Monterey	1,401
San Luis Obispo	66
San Mateo	650
Santa Cruz	1,037
Other Counties	25
Total	3,179
CABBAGE, ALL	
Imperial	840
Monterey	813
Orange	692
Riverside	580
San Benito	770
San Diego	90
San Luis Obispo	563
Santa Barbara	1,550
Santa Clara	215
Ventura	3,134
Other Counties	1,645
Total	10,892
CUCUMBERS	
Orange	336
Riverside	638
San Diego	1,169
San Joaquin	2,500
Santa Clara	1,000
Tulare	285
Ventura	559
Other Counties	480
Total	6,967
EGGPLANT, ALL	
Fresno	350
Riverside	253
Other Counties	98
Total	701
ENDIVE, ALL	
Monterey	613
Other Counties	130
Total	743
ESCAROLE, ALL	
Monterey	438
Other Counties	44
Total	482
GARLIC, ALL	
Fresno	11,700
Kern	2,673
Monterey	500
Santa Clara	375
Other Counties	571
Total	15,819
HORSERADISH	
Modoc	845
Total	845
KALE	
Monterey	196
Other Counties	148
Total	344

CALIFORNIA MISCELLANEOUS VEGETABLE CROPS:
Harvested Acreage by Counties, 1988 a/

Crop & County	1988
MELONS, WATERMELON	
Fresno	260
Imperial	4,275
Kern	2,824
Merced	1,026
Orange	171
Riverside	1,437
San Joaquin	1,610
Stanislaus	645
Sutter	297
Other Counties	1,073
Total	13,618
ONIONS, GREEN AND SHALLOTS	
Monterey	1,295
Riverside	1,320
Other Counties	1,645
Total	4,260
PARSLEY	
Monterey	613
Ventura	2,721
Other Counties	320
Total	3,654
PEAS, EDIBLE POD (SNOW)	
San Luis Obispo	3,750
Santa Barbara	650
Total	4,400
PEAS, GREEN, ALL	
Merced	800
San Mateo	600
Stanislaus	3,125
Other Counties	1,701
Total	6,226

Crop & County	1988
PEPPERS, BELL	
Fresno	3,200
Merced	1,236
Monterey	121
Orange	647
Riverside	632
Sacramento	760
San Benito	2,090
San Diego	80
San Joaquin	3,760
San Luis Obispo	1,134
Santa Clara	800
Stanislaus	975
Ventura	98
Other Counties	2,235
Total	17,768
PEPPERS, CHILI, HOT	
Monterey	2,720
Santa Clara	525
Other Counties	420
Total	3,665
PUMPKINS	
Riverside	186
San Joaquin	1,930
San Mateo	300
Santa Clara	200
Sutter	934
Other Counties	538
Total	4,088
RADISHES	
Riverside	148
Other Counties	1,479
Total	1,627

CALIFORNIA MISCELLANEOUS VEGETABLE CROPS:
Harvested Acreage by Counties, 1988 a/

Crop & County	1988	Crop & County	1988
SPINACH		**TOMATOES, CHERRY**	
Monterey	4,355	Fresno	650
Riverside	262	Monterey	230
Santa Barbara	612	San Diego	123
Santa Clara	200	Santa Clara	100
Stanislaus	2,430	Other Counties	103
Ventura	2,514	Total	1,206
Other Counties	455		
Total	10,828	**VEGETABLES, ORIENTAL, ALL**	
		Fresno	850
SQUASH		Monterey	610
Contra Costa	233	Riverside	419
Fresno	928	San Bernardino	530
Imperial	467	San Luis Obispo	1,261
Monterey	318	Santa Clara	175
Orange	643	Other Counties	640
Riverside	896	Total	4,485
Sacramento	70		
San Diego	678		
San Luis Obispo	328		
Santa Barbara	797		
Santa Clara	90		
Stanislaus	655		
Sutter	266		
Other Counties	1,654		
Total	8,023		

a/ SOURCE: County Agricultural Commissioners's Reports

CALIFORNIA VEGETABLE CROPS: 1987 Monthly Prices, Fresh Market Vegetables a/

Crop	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	1987 Average
	Dollars per Hundredweight												
Asparagus	110.00	105.00	69.90	61.20	47.10	58.30	---	---	---	---	---	---	66.10
Broccoli	31.90	17.70	23.60	18.40	17.30	18.00	17.00	16.50	17.50	19.60	28.80	34.40	21.40
Cantaloup	---	---	---	---	36.00	12.00	7.79	10.70	11.30	9.68	15.00	---	11.50
Carrots, Desert	12.60	12.40	11.60	8.89	10.30	12.20	---	---	---	---	---	12.50	10.90
Carrots, Other	12.80	12.60	11.80	8.91	10.30	12.30	9.80	7.59	8.55	9.37	8.58	12.70	10.60
Cauliflower	35.80	24.10	30.80	31.40	27.10	23.00	23.00	23.40	23.50	23.40	39.80	50.80	28.40
Celery, South Coast	14.80	13.00	12.90	11.30	12.00	9.91	---	---	---	7.40	9.45	15.20	12.10
Celery, Central Coast	---	---	---	---	12.00	9.88	8.09	8.77	11.70	7.34	9.43	14.80	9.36
Corn, Sweet	---	---	---	18.00	13.20	16.20	10.30	12.20	12.70	10.60	13.70	---	13.30
Honeydew Melons	---	---	---	---	---	17.90	8.57	12.90	13.00	11.80	12.60	15.30	11.90
Lettuce	14.20	8.73	14.60	8.30	8.12	8.82	17.10	18.10	16.20	13.30	39.50	30.30	15.10
Strawberries	101.00	125.00	92.70	46.10	50.40	54.90	55.90	54.00	68.10	116.00	146.00	---	58.00
Tomatoes, Desert	---	---	---	---	38.20	23.90	---	---	---	---	---	---	30.90
Tomatoes, Other	---	---	---	---	---	23.90	17.30	15.30	19.60	24.20	44.20	32.10	21.30

a/ Prices are F.O.B. shipping point.

CALIFORNIA VEGETABLE CROPS: 1987 Monthly Sales, Fresh Market Vegetables

Crop	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	1987 Total
	Thousand Hundredweight												
Asparagus	19	81	291	412	154	25	---	1	3	1	---	---	987
Broccoli	546	757	653	813	755	667	493	534	592	714	610	567	7,701
Cantaloup	---	---	---	---	596	3,356	3,587	2,104	1,406	928	246	---	12,223
Carrots, Desert	217	308	465	585	510	179	2	---	---	---	14	91	2,371
Carrots, Other	904	679	626	632	663	978	983	635	682	662	794	756	8,994
Cauliflower	191	292	374	446	572	462	366	343	383	437	304	214	4,384
Celery, South Coast a/	782	831	863	1,018	778	861	134	---	---	12	314	560	6,153
Celery, Central Coast a/	63	4	---	1	78	384	807	712	922	1,220	1,426	494	6,111
Corn, Sweet	---	---	---	28	625	360	252	32	35	117	34	---	1,483
Honeydew Melons	---	---	---	---	2	228	1,031	944	764	393	181	23	3,566
Lettuce	2,270	2,353	1,942	4,567	5,091	4,702	4,007	4,156	4,377	4,255	1,979	1,783	41,482
Strawberries	59	115	373	1,656	1,482	815	539	385	249	115	20	2	5,810
Tomatoes, Desert	---	---	---	---	67	50	---	---	---	---	---	---	117
Tomatoes, Other	7	---	---	---	23	619	1,419	1,297	2,136	1,974	398	17	7,890

a/ Includes small amount of processing.

CALIFORNIA VEGETABLE CROPS: 1988 Monthly Prices, Fresh Market Vegetables a/

Crop	Month												1988
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Dollars per Hundredweight												
Asparagus	120.00	120.00	76.50	66.40	52.40	55.80	---	---	---	---	---	---	72.50
Broccoli	35.10	15.60	31.10	14.40	13.10	16.60	19.60	38.90	37.20	27.20	21.30	32.80	23.90
Cantaloup	---	---	---	---	27.80	16.80	7.00	5.95	4.65	5.90	7.85	---	9.00
Carrots, Desert	16.80	12.40	10.20	9.70	13.40	14.60	---	---	---	---	17.20	18.40	11.60
Carrots, Other	17.00	12.30	10.20	9.85	13.30	9.75	13.60	15.10	15.40	12.80	10.00	12.50	12.60
Cauliflower	32.90	20.10	50.00	24.30	21.40	24.70	23.00	29.50	34.10	24.00	23.90	39.20	27.60
Celery, South Coast	17.70	12.30	7.10	10.10	12.40	8.35	---	---	---	---	12.50	11.30	11.00
Celery, Central Coast	---	---	---	---	12.60	7.65	9.90	14.30	14.30	10.60	12.30	10.80	11.30
Corn, Sweet	---	---	---	15.00	14.60	15.70	15.70	14.20	11.50	15.80	26.80	---	15.10
Honeydew Melons	---	---	---	---	19.00	19.20	15.40	11.50	9.20	15.20	23.80	---	13.10
Lettuce	32.90	9.00	15.50	6.70	7.65	10.70	7.00	13.10	11.00	11.60	13.90	19.10	12.20
Strawberries	---	74.30	64.30	42.70	50.00	43.90	50.00	55.00	60.00	70.00	160.00	---	52.00
Tomatoes, Desert	---	---	---	---	39.70	22.50	---	---	---	---	---	---	30.90
Tomatoes, Other	---	---	---	---	---	27.50	32.50	41.30	31.60	20.00	27.70	---	29.60

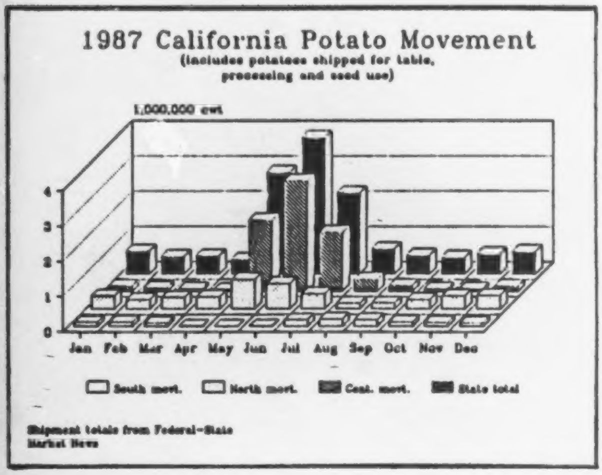
a/ Prices are F.O.B. shipping point.

CALIFORNIA VEGETABLE CROPS: 1988 Monthly Sales, Fresh Market Vegetables

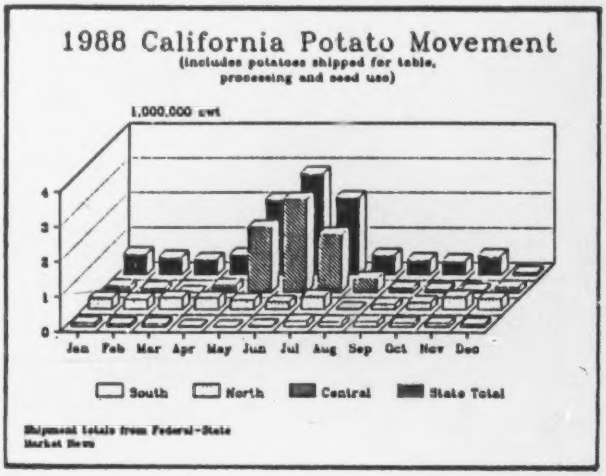
Crop	Month												1988
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Thousand Hundredweight												
Asparagus	5	88	409	356	168	29	---	1	4	16	3	---	1,079
Broccoli	640	693	579	908	795	690	521	500	388	762	751	657	7,884
Cantaloup	---	---	---	---	554	1,582	2,089	2,953	1,786	974	445	2	10,385
Carrots, Desert	181	204	432	439	397	119	1	---	2	3	42	113	1,933
Carrots, Other	720	631	579	584	767	1,085	1,083	664	547	683	977	1,072	9,392
Cauliflower	282	303	308	557	547	453	382	349	247	503	414	314	4,659
Celery, South Coast a/	692	796	989	567	825	972	139	---	---	---	233	638	5,851
Celery, Central Coast a/	21	4	---	1	67	426	784	721	661	1,288	1,497	577	6,047
Corn, Sweet	---	---	---	35	605	433	224	102	51	31	10	---	1,491
Honeydew Melons	---	---	---	---	24	178	653	1,011	932	336	141	9	3,284
Lettuce	1,945	2,677	2,057	4,176	5,057	5,086	4,429	4,499	3,856	5,263	2,851	1,706	43,602
Strawberries	12	183	754	1,610	1,453	1,003	676	470	307	195	52	6	6,721
Tomatoes, Desert	---	---	---	---	122	96	---	---	---	---	---	---	218
Tomatoes, Other	---	---	---	---	56	391	1,584	1,382	1,680	2,289	722	34	8,138

a/ Includes small amount of processing.

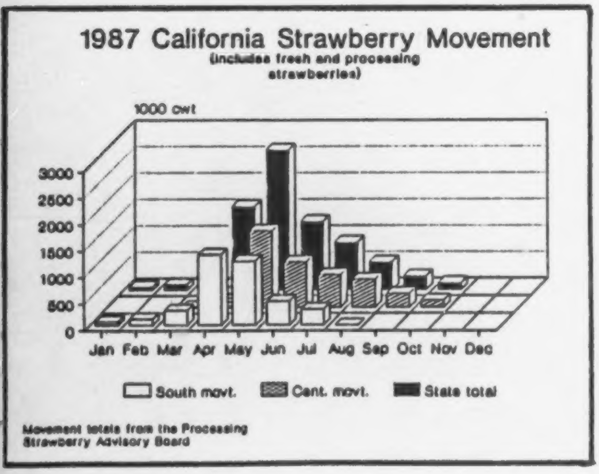
REGIONAL MOVEMENT OF TWO SELECTED CALIFORNIA COMMODITIES


1987 California Potato Movement
(includes potatoes shipped for table, processing and seed use)

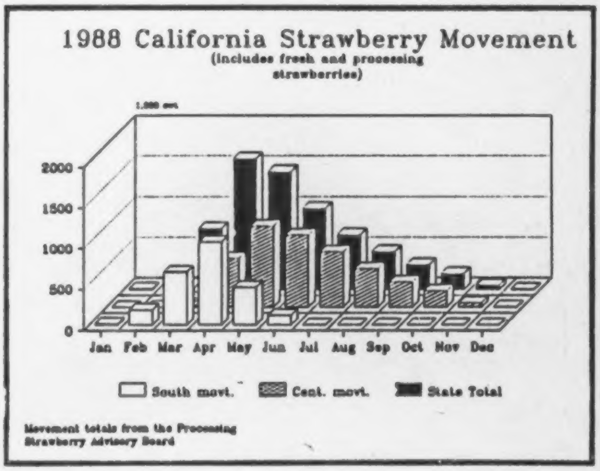
Shipment totals from Federal-State Market News


1988 California Potato Movement
(includes potatoes shipped for table, processing and seed use)

Shipment totals from Federal-State Market News


1987 California Strawberry Movement
(includes fresh and processing strawberries)

Movement totals from the Processing Strawberry Advisory Board


1988 California Strawberry Movement
(includes fresh and processing strawberries)

Movement totals from the Processing Strawberry Advisory Board

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